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SCIENTIFIC and POPULAR WRITERS ON AMERICAN SNAKES (1517 - 1944)

A Check List and Short Biography

by

ALBERT HAZEN WRIGHT

Dedicated to:

A. Older or contemporary departed friends in this list who helped me and many succeeding college generations.

Allen, Joel A.	Hankinson, T. L.
Bailey, V. O.	Hay, O. P.
Barbour, T.	Jordan, D. S.
Brimley, C. S.	Loding, H. P.
Davis, W. T.	Meek, S. E.
Ditmars, R. L.	Mitchell, S. W.
Engelhardt, G.	Sherman, Franklin, Jr.
Gill, T. N.	Shufeldt, R. W.
Grinnell, J.	Stejneger, L.

B. Youthful members of this list (55 in number) whom it was my joyous privilege to know as students.

The original intention was to make this paper part of a Handbook of Snakes of U. S. A. It became too massive for such a volume. In a like fashion we are shedding from this volume probably in two volumes, American Snake Stories (written but not yet issued). Likewise the paper on Common Names will appear separately.

We therefore issue this paper hoping it will be a genuine service to our guild.

This paper was prepared in 1940 and under the title of Snakes and Snakers it was presented September 1, 1940 to the American Society of Ichthyologists and Herpetologists at Toronto, Ontario. It represents a canvass of the whole literature (U. S. A.) of scientific herpetology and much of the popular literature. With these lists of authors we proceeded to use every biographical source we could command for the older writers. To present day workers not in the biographical sources we

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sent reply postals. Many replied. Those who did not reply and some whose addresses we knew not are therefore only included with the date of the first snake paper we have in our bibliography.

If there merely appear the date after a writer before 1900 it is worthy of inquiry by those who know or are in the region of the person in question. For example, the California group could expand our knowledge of T. F. Cronise or J. N. Lockington or J. C. Thompson and others; the Philadelphia group could supply information re Edward Hallowell, Covington Few Seiss, S. F. Aaron, T. D. Keim and several more in the list.

From 1935 to 1944 there will be many now active herpetologists who have recently entered the literary arena of herpetological literature. From each of these the author wishes a post-card biography after the pattern of this paper. If they were not expanded in this paper it is because of the fact that it is issued almost as written in 1940, except for the mere addition of names particularly from 1935-1944. Most of these appear thus: Marr, J. C. 1944. The date indicates when he or she first published.

Of course, there will be an omitted few who have written solely on frogs, salamanders, lizards, turtles or crocodilians. But in many ways this list will approach a complete list of our herpetologists to date.

Important. To the younger workers. Even in Toronto in 1940 when this paper was given they were beginning to move about. From 1940-1948 the residence of the workers 18-38 years of age were so uncertain, shifting, that we did not attempt to place them. Only now, 1947-1948, have they become established. Therefore if only the date of your first paper appears opposite your name, send in your post-card biography.

Summary. At least 1,256 names appear in this list. Some 400 or more have departed. The remaining 850 show how rapidly the field has developed in the last 40 years. When the writer in normal school and college (1894-1903) was beginning a botanical career, men like George Baur, Elliott Coues, Edward Drinker Cope were just closing their influential lives in vertebrate zoology. What a group of giants!

AARON, SAMUEL FRANK (1910, Gen.)

ABERCROMBY, A. F. (1911, Gen.)

ABBOTT, CHARLES CONRAD (June 4, 1843, Tenton, N. J. — July 27, 1919, Bristol, Pa.) Naturalist; archaeologist; author; nature essayist; physician. Ed. - Pennsylvania. Res. - Once Peabody Museum, Cambridge, Mass. 1876-89; Curator Arch. Pa. 1889-93, later Trenton, N. J.

ACKER, G. (1940, Okla.)

ACOSTA, JOSE' d' (Circa 1539 or 1540 Medina del Campo — 1599 or Feb. 15, 1600 Salamanca.) Spanish missionary; writer; naturalist; historian. Ed. - Society of Jesus. Res. - Segovia 1559; Univ. Alcala 1563; Roma 1571; South America 1570-83; Mexico 1583-; returned to Spain 1587, "Historia natural — Indias 1590"; Jesus College, Valladolid; Univ. of Salamanca.

ADAMS, ANDREW LEITH (1826 — Aug. 1882). Army surgeon; zoologist; naturalist. Ed. - Aberdeen. Res. - Surgeon, British Army 1848-1873; Prof. Coll. of Science, Dublin, 1874-78; Prof. Queens Coll., Cork 1878-1882; F.G.S.; F.R.S.

ADAMS, LEVERETT ALLEN (Sept. 23, 1877, Lawrence, Kansas —) Comparative anatomist. Ed. - Kansas, Columbia. Res. - Mus. Kansas, 1904-05; Colo. State Teachers College, 1906-1914; Univ. of Illinois, 1914-1922, prof. 1938-

ADAMS, SAMUEL HOPKINS (1941, Fla.)

AGASSIZ, LOUIS RODOLPHE (May 28, 1807, Mortier en Vuly (Canton Fribourg near Vand, French Switzerland — Dec. 14, 1873, Cambridge, Mass.) Zoologist; naturalist; palaeontologist; geologist; explorer. Ed. - Bienne; Lausanne; Zurich; Heidelberg; Munich; Paris. Res. - University of Neuchatel, Neuenberg 1846; finally at Harvard University.

AHL, E. (1930, Gen.)

AINSWORTH, WILLIAM FRANCIS (1848, Gen.)

ALCORN, GORDON DEE (April 6, 1907, Olympia, Washington —) Botanist; ornithologist. Ed. - Puget Sound; Washington (Seattle). Res. - Univ. of Idaho, Moscow, Idaho, 1935-37; vice-pres. and head dept. biol. Grays Harbor

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Junior Coll. 1937-; Coll. Puget Sound, Tacoma, Washington.

ALCOTT, WILLIAM PENN (July 11, 1838, Dorchester, Mass. — October 12, 1919, Boxford, Mass.) Congregational minister; naturalist; traveler; entomologist; botanist. Ed. - Phillips Andover Acad.; Williams; Andover Seminary. Res. - Taught Natural History Pittsburgh Female College 1861-62; Williams 1868-88; Dr. P. Schaff's exped. Egypt Mt. Sinai, southern Eu. 1877; many trips to Eu. and Holy Land; pastorate North Greenwich and Bristol, Ct.; Brownington and Orleans, Vt.; Heath Cohasset, North Chelmsford, West Newbury, Linebrook and Boxford, Mass.

ALDRICH, CHARLES (October 2, 1828, Ellington, N. Y. — March 8, 1908, Boone, Iowa). Historian; curator; journalist; ornithologist; palaeontologist; geologist; archaeologist. Ed. - Public schools; Jamestown, N. Y. Acad.; Iowa College. Civil War 1862-4. Res. - Iowa Historical Dept. 1892-, Des Moines, Ia. 1883-; Boone, Iowa, 1895; Webster, Iowa publisher 1857; Clerk, House of Representatives of State 1862, 1866, 1870; member of House 1882; U. S. Geol. Survey 1875.

ALDROVANDUS, ULYSSES (Sept. 11, 1522, Bologna — May 4 or 10, 1605, Bologna). Naturalist; botanist; zoologist; ornithologist; philosopher; entomologist; physician. Ed. - Padua; Rome; Bologna. Res. - Chair natural history, Bologna 1560; co-founder botanical garden Bologna 1567.

ALESSANDRINI, ALESSANDRI or ALEXANDER ab ALEXANDRO (Circa. 1461, Naples — Oct. 2, 1523) Jurist; antiquarian; philologist. Ed. - At Rome with Fr. Philadelphe, Nicolas Peratti e Calderino. Res. - Naples; Rome.

ALEXANDER, A. H. (1941, Gen.)

ALEXANDRE, F. (1937, Que.)

ALEXANDER, WILLIAM PRINDLE (Feb. 20, 1881, Johnstown, N.Y. — Deceased). Ed. - Cornell University; Leipzig. (1927, N.Y.)

ALLARD, HARRY ARDELL (Jan. 28, 1880, Oxford, Mass. —). Botanist; ecologist; scientist; cotton and tobacco specialist; herpetologist. Ed. - North Carolina. Res. - U. S. Bur. Plant Ind., U. S. Dept. Agri., Washington, D. C., 1906-.

ALLEN, ARTHUR AUGUSTUS (Dec. 28, 1885, Buffalo, N. Y. —) Ornithologist. Ed. - Cornell. Res. - Cornell 1909-26, prof. 1924-.

ALLEN, DURWARD LEON (Oct. 11, 1910, Uniondale, Ind. —) Vertebrate ecologist; mammalogist; wildlife manager. Ed. - Michigan; Michigan State. Res. - Mich. State Dept. Cons. 1937-39; Rose Lake Wild Life Exp. Stat. 1939-; Patuxent Res. Ref. Bowie Md. 1947.

ALLEN, E. ROSS (1931, Fla.) Res. - Ross Allen's Reptile Institute, Silver Springs, Fla.

ALLEN, FREDERICK MADISON (Mar. 16, 1879, Des Moines, Iowa —) Physician; pathologist; physiologist. Ed. - California; Chicago; Harvard. Res. - Assoc. Med. Rockefeller Inst. 1913-1918; dir. Polyclinic Hosp. & Med. School 1920-23; prof., same school; 1031 Fifth Ave., N. Y. C. 28.

ALLEN, GLOVER MORRILL (Feb. 8, 1879, Walpole, N. Y. — Feb. 14, 1942) Systematic zoologist; mammalogist; ornithologist. Ed. - Harvard. Res. - Boston Soc. Nat. History 1901-; Harvard University, Cambridge, Mass.

ALLEN, JOEL ASAPH (July 19, 1838, Springfield, Mass. — August 29, 1921, Cornwall, N. Y.) Taxonomic vertebrate zoologist; mammalogist; ornithologist; naturalist. Ed. - Wilbraham Academy; Harvard. Res. - Harvard University, 1862-85; many trips; later American Museum of Natural History, New York, N. Y.

ALLEN, MORROW J. (Nov. 24, 1909, Indianapolis, Ind. —). Herpetologist; mammalogist; zoographer; naturalist; collector. Ed. - Butler. Res. - Caribbean Biol. Lab., Miss. 1929-1934; West Coast Mexcio 1933; East Coast Mex. and Cent. America (Nicaragua) 1936-39; Vice-president in charge of production Miner & Allen, adv. photographers. Indianapolis, 1940.

ALLIN, ALBERT ELLIS (1940, Ont.) City Hall, Fort William, Ont., 1948.

ALLYN, W. P. (1936, Ind.)

AMARAL, AFRANIO B. do (Dec. 1894, Para, Brazil —). Physician; teacher; herpetologist; toxicologist. Ed. - Colegio Paes de Carvallio, Para 1904; Ginasio da Bahia 1905-10; Faculty of Medicine Bahia 1911-1916; Harvard Med. College 1923-24. Res. - Dir.-Supt. Butantan Inst., Sao Paulo 1928-; Faculty of Medicine, Sao Paulo, 1933-; Rue Bela Cintra 755, Sao Paulo, 1948.

AMEEL, DONALD J. (1946, Kan.)

ANDERSON, EDWIN ALEXANDER (July 16, 1860, Wilmington, N. C. — Sept. 23, 1933). Naval officer.

ANDERSON, O. I. (1940, Ore.)

ANDERSON, PAUL (1942, Mo.) Res. - 604 W. College, Independence, Mo.

ANDREWS, E. WYLLYS (1937, Gen.)

ANDREWS, T. F. (1942, Tex. & Gen.)

ANTHONY, WILLIAM ARNOLD (Nov. 17, 1835, Coventry, R. I. — May 29, 1908, New York City) Physicist. Ed. - Yale. Res. - Taught 3 years Crompton, R. I.; Providence Conference Seminary, East Greenwich, R. I.; Franklin, N. Y. 1863-67; Antioch College 1870; Iowa Ag. College; Cornell University 1872-1893; Cooper Union School of Sciences 1894.

ARNOLD, DOROTHY E. (Oct. 24, 1904, Ausable, N. Y. —). Zoologist. Ed. - Wellesley; Yale. Res. - Sandy Spring, Md. 1927-29; Cambridge Museum for children 1927-29; Peabody Museum Yale University 1929-1940.

ARNOLD, W. F. (1909, Fla.)

ATKINSON, DANIEL ARMSTRONG (Aug. 7, 1875, Cincinnati, Ohio —). Zoologist. Ed. - Pittsburgh. Res. - Custodian Reptilia and Batrachia, Carnegie Museum; Pittsburgh.

ATSATT, SARAH ROGERS (1888, Mattapoisett, Mass. —). Zoologist; ecologist; herpetologist; ornithologist. Ed. - Pomona; California (Berkeley). Res. - Mills College 1912-15; Cal. State Normal, Los Angeles, 1915-1919; Univ. of California at Los Angeles, Calif. 1919-27. Assoc. prof. Scripps 1927-33; asst. prof. zool. Calif. at Los Angeles 1933-; 405 Hilgard Ave., Los Angeles, 1948.

ATWOOD, WILLIAM HENRY (Grand View, S. D., March 21, 1886 —). Comparative anatomist; entomologist; ornithologist. Ed. - Hope; Washington (St. Louis). Res. - Wisconsin State Teachers College, Milwaukee, Wisc. 1917-; Marquette Dent. Coll. 1919-22.

AUBOIN, STEPHEN (1831, Gen.)

AUDOUIN, JEAN VICTOR (April 27, 1797, Paris — November 9, 1841, Paris). Doctor; naturalist; entomologist. Ed. - College de Reims; College Louis-le Grand; College Prinapal de Lucques. Res. - With Brongmartand Dumas founded Amales des Sciences naturelles; a founder of Societe Entomologique de France in 1832; prof. entom. Mus. 1833; Acad. des sciences 1838.

AUDUBON, JOHN JAMES (April 26, 1785, Les Cayes, Santa Domingo — Jan. 27, 1841). Artist; ornithologist. Ed. - Informal. Res. - Mill Grove, Pa.; Louisville, Ky.; Cincinnati, Ohio; New Orleans, La. - Europe, Charleston, S. C., finally Audubon Park, New York City, N. Y.

AUGHEY, SAMUEL (Feb. 8, 1831, Mifflin, Pa. — Feb. 3, 1912, Spokane, Wash.) Minister; geologist; botanist; palaentologist; mineralogist; conchologist; entomologist; ornithologist. Ed. - Pa. College 1856; Lutheran Theol. Sem., Gettysburg, Pa. Res. - Trips to Dak., Neb., Wyo. for Smithsonian 1867-92; Prof. Nat. Sci. Nebraska, 1871-1884; Spokane, Wash. 1899-1912.

AULD, HENRY A. (1873, Gen.) Entomologist; naturalist.

AUTEROCHE, CHAPPE, JEAN ABBE' d' (March 2, 1722, Mauriac Cantal, France — August 1, 1769, San Lucas, California). Astronomer; Res. - Trip to Tobolsk Exped. 1759-61; California 1769-.

AXTELL, HAROLD H. (Jan 12, 1904, Tuxedo, N. Y. —). Naturalist, herpetologist, mammalogist. Ed. - Cortland State Teachers Coll.; Colgate; Cornell. Res. - Traveled Europe & America 1924-32; Asst., Cornell 1937; Nat. Leader, Lake Placid Club 1936-41; Asst. Instructor Zoology, Cornell 1942-46; Buffalo Mus. Nat. Hist. 1946-.

BABBITT, LEWIS HALL (October 29, 1902, Hartford, Conn. —). Herpetologist; lecturer; naturalist. Ed. - Trinity. Res. - Petersham, Mass. 1930-. Lecturer on reptiles and amphibians of New England; Cur. reptiles and amphibians, at Worcester Mus. Nat. Hist. 1948.

BABCOCK, HAROLD LESTER (May 30, 1886, Holliston, Mass. —). Herpetologist; doctor. Ed. - Worcester Polytech.; Boston; Berlin. Res. - Boston Society of Natural History.

BACHMAN, JOHN (February 4, 1790, Rhinebeck, Dutchess Co., N. Y. — Feb. 24, 1874, Columbia, S. C.) Clergyman; mammalogist; naturalist; coleopterist. Ed. - Williams. Res. - Elwood and Philadelphia, Pa.; Charleston, S. C.

BAILEY, JOSEPH RENDLE (Sept. 17, 1913, Fairmont, W. Va. —). Herpetologist; ichthyologist; naturalist. Ed. - Michigan; Haverford. Res. - Toledo, O.; Intern. Educ. Fellowship Brazil 1940-; Dept. Zool., Duke Univ., Durham, N. C. 1948.

BAILEY, JOHN WENDELL (Jan. 9, 1895, Winona, Miss. —). Zoologist; herpetologist; myriopodist. Ed. - Miss A. & M.; Cornell; Harvard. Res. - U.S. Bur. Entomology 1914, 1917-18; Miss. Agr. Coll. 1916-17; 1919-1924. Mississippi College 1925-29. Univ. of Richmond 1929-.

BAILEY, REEVE MACLAREN (May 2, 1911, Fairmont, W. Va. —). Ichthyologist; herpetologist. Ed. - Michigan. Res. - Asst. N. Y. Cons. Dept. 1935-37; biol. N. H. Fish & Game Dept. 1938; inst. zool. Iowa State 1938-42; asst. prof. 1943-; asso. cur. fishes Michigan 194 -.

BAILEY, VERNON ORLANDO (June 21, 1864, Manchester, Mich. — April 20, 1942, Washington, D. C.). Naturalist; explorer; mammalogist; ornithologist. Ed. - Michigan, George Washington. Res. - U. S. Biological Survey, Washington, D. C.; 1834 Kalorama Rd., Washington, D.C.

BAIRD, SPENCER FULLERTON (Feb. 3, 1823, Reading, Pa. — Aug. 19, 1887, Wood's Hole, Mass.). Naturalist; ichthyologist; herpetologist; ornithologist; mammalogist; curator. Ed. - Dickinson. Res. - Carlisle, Pa.; Dickinson 1845-; Smithsonian Inst. 1848- and U. S. Fish Commission, Washington, D. C. 1871-.

BAIRD, WILLIAM (1803, Eccles, Berwickshire — Jan. 27, 1872, London). Physician; zoologist. Ed. - High school, Edinburgh; Edinburgh, Dublin; Paris. Res. - East India 1823-1833; Zoological and Linnean Socs.; Berwickshire Naturalists' Club, London private practice; British Museum 1841-1872.

BAKER, FRANK COLLINS (Dec. 14, 1867, Warren, R. I. — May 7, 1942) Conchologist; palaentologist: limnologist. Ed. - Brown; Acad. Nat. Sci., Phila.; Chicago School Sci. Res. - Ward's Nat. Sci. Establishment, Rochester 1891-2; Field Mus. Nat. Hist. 1894; Chic. Acad. Sciences 1894-1915; Syracuse 1915-17; Ill. 1918-.

BALL, ELMER DARWIN (September 21, 1870, Athens, Vt. — Oct. 5, 1943, Pasadena, Calif.). Entomologist. Ed. - Iowa State; Ohio State. Res. - Colo. Agr. Coll. 1897-1901; Utah College 1902-1916; Wisconsin 1907-1918; Iowa State College 1918-21; U. S. D. Agr. 1921-25; State Plant Board Fla. 1925-28; Univ. of Arizona 1928-.

BALL, STANLEY CRITTENDEN (November 19, 1885, Shelburne Falls, Mass. —). Zoologist. Ed. - Yale. Res. Carnegie Inst. 1913-14; Mass. Agr. College 1916-18; Y.M.C.A. College, Springfield 1918-21; Bishop Museum Honolulu 1921-26; Yale University, New Haven, Conn. 1926-.

BALLOU, WILLIAM HOSEA (September 30, 1857, Hannibal, N.Y. —). Mycologist; naturalist; ornithologist. Ed. - Northwestern; Pennsylvania. Res. - Mexico, N.Y., Closter, Bergen Co., N.J.

BARBOUR, ROGER W. (April 15, 1919, Morehead, Ky. —).Biologist; naturalist; herpetologist. Ed. - Morehead State Teachers College; Cornell. Res. - Morehead State Teachers College 1939-47; Cornell University 1947-.

BARBOUR, THOMAS, (August 19, 1884, Martha's Vineyard, Mass. — Jan. 8, 1946). Herpetologist; naturalist; zoographer. Ed. - Harvard. Res. Director, Museum of Comparative Zoology, Harvard University, Cambridge, Mass.

BARCLAY, W. S. (1934. Gen.)

BARNES, WILL CROFT (June 21, 1858, San Francisco, Calif. — Dec. 17, 1936). Stockman; forester; out-of-doors writer. Ed. - Public schools. Res. - Washington, D. C.; secretary, U. S. Geog. Board.

BARNETT, BURGESS (1936- Gen.)

BARRETT, SAMUEL ALFRED (Nov. 12, 1879, Little Rock, Ark. —). Anthropologist; ethnologist; curator; explorer. Ed. - California (Berkeley); Columbia. Res. - Asst. Calif. 1902-08; Milwaukee Public Museum 1909-20, director 1920-40.

BARRY, LEWIS T. (1932, Colo.)

BARTLETT, WALTER E. (Jan. 28, 1870, Alexandria, Mo. — June 7, 1937, Belle Plaine, Kansas). Physician; naturalist. Ed. - St. Louis Coll. Phys. Surg. N.Y. Post Grad. School of Medicine; Chicago. Res. - Belle Plaine Kan. 1892-1937.

BARTON, BENJAMIN SMITH (February 10, 1766, Lancaster, Pa. — December 19, 1815, Philadelphia, Pa.) Physician; naturalist; medical botanist; ethnologist. Ed. - York Academy; College of Philadelphia; studied medicine in Edinburgh, London; Gottingen. Res. - College of Philadelphia, later University of Pennsylvania, Philadelphia, Pa.

BARTRAM, JOHN (March 23, 1699, Marple (Darby), Delaware Co., Pa. — Sept. 22, 1777, Kingsessing, Philadelphia, Pa.). Naturalist; explorer; botanist; gardener. Ed. - informal; by correspondence and exploration. Res. - Philadelphia, Pa.

BARTRAM, WILLIAM (Feb. 9, 1739, Kingsessing, Philadelphia, Pa. — July 22, 1823, same place). Naturalist; traveller; botanist; zoologist. Ed. - informal like father's training. Res. - Kingsessing, Philadelphia, Pa.

BASKETT, JAMES NEWTON (November 1, 1849, Nicholas Co., Kentucky — June 14, 1925). Author; zoologist; engineer; ornithologist; novelist. Ed. - Missouri.

Res. - Surveyor, Audrain Co., Mo.; Engineer, Mexico, Mo.; inRockies; Mexico, Mo.

BATEMAN, GREGORY CLIMENSON (1897, Gen.)

BAUR, GEORGE (Herman Carl Ludwig) (January 4, 1859, Weisswassar, Bohemia — June 25, 1898, Munich) Naturalist; palaentologist; herpetologist; mineralogist; anatomist; osteologist. Ed. - Gymnasium Stuttgart; Munich. Res. - Munich, 1882-1884; Yale, 1884-1890; Clark 1890-91; Chicago, 1892-1897.

BAXTER, G. (1941, Wyo.)

BEAL, WILLIAM JAMES (March 11, 1833, Adrian, Michigan — May 11, 1924, Amherst, Mass.). Botanist; agrostologist; forester. Ed. - Raisin Valley Seminary, Michigan; Harvard; Chicago. Res. - Friends Acad. and Howland Inst., Union Springs, N. Y. 1859-68; Chicago; later Michigan Agricultural College, Lansing, Michigan; Amherst, Mass.

BEATTIE, WILLIAM F. C. (Jan. 16, 1826, Coldenham, Orange Co., N.Y. — Oct. 21, 1899, Cornwall, N. Y.). Physician. Ed. - Union; Geneva, N.Y. Medical Coll. Res. - Teaching Darby, Pa. 1845; tutor Louisiana 4 years; physician West Milton, N.Y. 1851; Cornwall 1853-1899.

BEAUVOIS (see Palisot de Beauvois)

BECHSTEIN, JOHANN MATTHIAS (July 11, 1757, Walterhausen, Saxe-Gotha — February 23, 1823, Meiningen). Naturalist; forester; entomologist; ornithologist. Ed. - Gotho; Jena. Res. - Prof. Silvicultur. Schenfenthal 1785; Dir. Academy of Forest Science at Dreissigacker 1800.

BEHRE, ELLINOR HELENE (September 28, 1886, Atlanta, Ga. —). Zoologist; physiologist. Ed. - Radcliffe; Tulane; Chicago. Res. - Louisiana State University, 1920-; Milwaukee Downer Coll.; Mt. Holyoke; Carnegie Institute 1918-19; Newcomb 1919-20; asst. prof. zool. Louisiana 1920-23, assoc. prof. 1923-32, prof. 1932-.

BELDING, LYMAN (June 12, 1829, West Farms (Northampton) Hatfield, Mass. — Nov. 22, 1917, Stockton, Calif.). Ornithologist. Ed. - Public schools. Res. - Stockton, Calif. 1856-; interested in Calif. Nat. Hist. 1876-1917.

BELL, THOMAS (Oct. 11, 1792, Poole, Dorsetshire, England — March 13, 1880, Selborne, England). Dental surgeon; naturalist; comparative anatomist; writer. Ed. - Guy's and St. Thomas' Hospitals. London: Royal College of Surgeons. Res. - Guy's Hospital 1816-1861; King's College, London, 1832; Wakes, Selborne, Hampshire; mem. many societies.

BENDIRE, CHARLES EMIL (April 27, 1836, Hesse, Darnistadt, Germany — Feb. 4, 1897, Jacksonville, Florida). Ornithologist; zoologist; naturalist; mammalogist. Ed. - Res. - Came to America 1852; in U.S. Army 1854-1886; U.S. N. Mus.

BENEDICT, FRANCIS GANO (Oct. 3, 1870, Milwaukee, Wisc. —). Chemist; physiologist. Ed. - Harvard; Heidelberg. Res. - Mass. Coll. Pharmacy 1893-94; Weslevan 1896-1907; Nutrition Laboratory Carnegie Inst. Boston, Mass. 1907.

BENJAMIN, R. A. Jr. (1941, Gen.)

BENTLEY, GEORGIA H. (1918, Nev.)

BERRIDGE, WALTER SIDNEY (1935, Gen.)

BERTHOLD, ARNOLD ADOLPH (Feb. 23, 1803, Soest, Westphalia — Feb. 3, 1861 Gottingen). Physiologist; zoologist; comparative anatomist; physician. Ed. - Gottingen, visited hospitals and University in Berlin and Paris. Res. - Gottingen; Prof. Gottingen 1835; royal councillor Court of Hanover 1845.

BEVAN, W. A. (1935, Gen.)

BEYER, GEORGE EUGENE (Sept. 9, 1861, Meissen (Dresden), Saxony, Germany — June 2, 1926, New Orleans, La.). Naturalist; traveller; biologist. Ed. - Dresden, Berlin with Brehm, Standinger and Engelhardt. Res. - Cent. Amer. 1880; New Orleans 1891; Tulane Univ. 1895-1918; La. State Board of Health, 1918-1926.

BIBRON, GABRIEL (1806, Paris — March 27, 1848 Saint Alban (Loire)). Zoologist; herpetologist; ichthyologist. Ed. - Jardin des plantes. Res. - Trip to Italy, England, Holland; aid to Dumeril 1832-. Soc. Philomath de Paris 1840-; works on Algeria and Cuba.

BICKNELL, EUGENE PINTARD (Sept. 21 or 23, 1859, Riverdale-on-Hudson, N.Y. — Feb. 9, 1925, Hewlett, N.Y.). Botanist; ornithologist; banker. Ed. - Private schools, Riverdale-on-Hudson and New York City. Res. - Safe Deposit Co., New York City; John Munroe and Co. 1874; his collections Vassar Inst.

BINGLEY, WILLIAM (1774, Doncaster — March 11, 1823, Charlotte St., London). Minister; writer; biologist; compiler. Ed. - St. Peters College, Cambridge. Res. - Christ Church, Hampshire; Fitzroy Chapel; Charlotte St., London.

BINNEY, AMOS (Oct. 18, 1803, Boston, Mass. — Feb. 18, 1847, Rome, Italy). Naturalist; conchologist; physician; business man; legislator; patron. Ed. - Brown; Harvard. Res. - Travels in America, Europe; Boston Soc. Nat. Hist., Boston, Mass.

BISHOP, C. A. (1936, Ind.)

BISHOP, MARSHALL B. (Aug. 24, 1910, New Haven, Conn. —). Naturalist; collector; curator. Ed. - Res. - Peabody Museum, Yale 1930-40, Peabody Box 341, Coral Gables Fla., 1948.

BISHOP, SHERMAN CHAUNCEY (Nov. 18, 1887, Sloatsburg, N.Y. —). Herpetologist; ichthyologist; arachinologist. Ed. - Cornell. Res. - Asst. entom. Cornell 1909-16; zoologist N.Y. S. Mus. 1916-28; asst. prof. Rochester 1928-33, prof. 1933-.

BLACK, JOHN DAVID (July 2. 1908, Winslow, Ark. —). Entomologist; mammalogist; vertebrate ecologist. Ed. - Kansas; Indiana; Michigan. Res. - Asst. Mus. Nat. Hist. Kan. 1931-35; asst. inst. zool. Indiana 1935-37; instr. Ark. 1937-38; prof. Anderson Coll. 1940-41; inst. Ala. Polytechn. 1941-; Northeast Mo. State Teacher's Coll., Kirksville, Mo., 1948.

BLAINVILLE, HENRI MARIE DUCROTAY de (Dec. 12, 1777. Arques near Dieppe — May 1, 1850, Paris). Zoologist; physician; comparative anatomist. Ed. - Informal. Res. - Faculty Arts & Sciences 1812; Acad. des Sciences 1825; Prof. Jardin des Plantes 1830; Prof. Mus. Nat. Hist. Paris 1830-50.

BLANCHARD, FRANK NELSON (Dec. 19, 1888, Stoneham, Mass. — Sept. 21, 1937, Ann Arbor, Mich.). Herpetologist; zoogeographer; naturalist; ecologist. Ed. - Tufts, Mich. Res. - Mass. State College, Amherst, Mass. 1913-16, U.S. Nat. Mus. 1918-19; Univ. of Mich. 1919-1937.

BLANCHARD, MRS. FRIEDA COBB (Mrs. Frank N. Blanchard, nee Freida Cobb) (Oct. 2, 1889, Sydney, Australia —). Botanist; herpetologist. Ed. - Illinois; Michigan. Res. - Univ. of Mich. asst. director botanical gardens, 1919-.

BLATCHLEY, WILLIS STANLEY (Oct. 6, 1859, North Madison, Conn. — May 28, 1940). Entomologist; naturalist; herpetologist; ichthyologist; geologist. Ed. - Indiana. Res. - High School, Terre Haute; State Geologist, Indiana 1894-1911; Ark. Geol. Survey, 1889; U.S. Fi. Comm. 1890-93; 1558 Park Ave., Indianapolis, Ind., or Dunedin, Florida.

BLOCK, PETRUS N. (1823, Gen.)

BLOCQUEL, SIMON (1826)

BLOEKER (see von Bloeker)

BLOUGH, MRS. HELEN DOLMAN (see Helen Dolman)

BLUM, HAROLD FRANCIS (Feb. 12, 1899, Escondido, Calif. —). Physiologist; biophysicist. Ed. - California; Harvard. Res. - Asst. Calif. 1924-27; asst. prof. Oregon 1927-28; inst. Harvard Medical School 1926-30; asst. prof. & assoc. prof. California 1930-38; U.S. Public Health Service 1938-48; prin. biol. Naval Med. Res. Inst. 1943-; lect. Princeton 1947-.

BLUMENBACH, JOHANN FRIEDRICH (May 11, 1752, Gotha — Jan. 22, 1840 Gottingen). Comparative anatomist; physician; anthropologist; physiologist; librarian; curator. Ed. - Jena; Gottingen. Res. - Prof. Gottingen 1778-1835.

BOCOURT, MARIE FIRMIN (April 19, 1830, Paris — Feb. 3, 1904, Paris). Artist; herpetologist; ichthyologist. Ed. - Student of Drolling Abel de Pujol. Res. - Paris; Voy. Siam 1861-63; Cent. Amer. 1864-67; exhibited Salons 1861-1863; Mus. d' Hist. Nat. Paris.

BODDAERT, PIETER (1730 Middelbourg or Zelande — 1800 or circa 1796). Physician; naturalist; author. Ed. - Leyden. Res. - Flessingue; Utrecht 1770-72; Amsterdam: member of several societies; numerous publications & translations.

BOETTGER, OSKAR (1844 — 1910). Herpetologist; conchologist; palaeontologist.

BOGERT, CHARLES MITCHILL (June 4, 1908, Mesa, Colo. —). Naturalist; herpetologist. Ed. - Univ. of Calif. at Los Angeles. Res. - U.C.L.A. 1934-36; Amer. Mus. Nat. Hist. 1936-, curator herpetology 1943.

BOGUE, ROSWELL G. (May 3, 1832, Lowsville, St. Lawrence Co., N.Y. — Dec. 8, 1893, Chicago, Ill.) Surgeon; physician. Ed. - Coll. Phy. & Surg., N.Y.C. Res. - Physician, Chicago 1857 until he became blind. Helped organize Cook Co. Hospital; also on staffs Presbyterian, St. Joseph's Hosps. and Hosp. Women & Children.

BOIE, FRIEDRICH (1846, Gen.)

BOITARD, PIERRE (April 27, 1789, Macon — Aug. 28, 1859, Montrouge). Naturalist; agriculturist; entomologist; horticulturist; ornithologist. Ed. - Res. - "Corps francs durant les Cent. Jours et subit des persecutions sous la Restauration": in Paris 1846.

BOMARE, JACQUES CHRISTOPHE VALMONT de (1731, Rouen — 1807, Chantilly) Naturalist; pharmacist; mineralogist. Ed. - Paris. Res. - Trips to Alps, Pyrenees, Switzerland, Italy, Germany, England, Sweden, Lapland, Iceland before 1756; Paris 1756-.

BONAPARTE, CHARLES LUCIEN JULES LAURENT (May 24, 1803, Paris —

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July 29, 1857, Paris). Naturalist; ornithologist; mammalogist; ichthyologist; herpetologist; nephew of Napoleon I. Ed. - N.J. College. Res. - Philadelphia, 1822-1828; Italy 1828-; Prince of Canino and Musignano, 1840-.

BOND, HARLEY DONOVAN (Sept. 26, 1897, Lost Creek, W. Va. —). Ed. - Salem; Columbia; W.Va. Univ. Res. - High Schools 1923-1929; supt. Lost Creek 1927-29; Salem Coll. 1930, dean 1935-40, treasurer 1942-.

BONNATERRE, l'ABBE' PIERRE JOSEPH (Circa 1752, Rouergue — Sept. 26, 1804, St. Geneiz). Naturalist. Res. - "Encyclopedie Methodique", lived at Paris; during civil discord and great revolution went to Dept. of l'Aveyron.

BONNET, CHARLES (March 13, 1720, Geneva — May 20, 1793 near Lake Geneva, Switzerland). Naturalist; entomologist; philosopher; physiologist; lawyer. Ed. - Informal. Res. - Council of State of Geneva 1752 - 1768; mem. of several societies.

BOONE, A. R. (1927, Ariz.)

BORELL, ADRY E. (Oct. 8, 1901, Minnesota —). Mammalogist; ornithologist; herpetologist; entomologist; wild life technician. Ed. - Fresno State Jr. Coll.; Calif. Res. - Nat. Park Serv., Yosemite 1931-34; Grand Canyon and Santa Fe N.P.S. 1934-38; Regional Biol. Soil Cons. Serv. Albuquerque Feb. 1938-.

BORLAND, H. (1931, Pa.)

BORLAND, JOHN NELSON (— 1890). Physician; herpetologist; hospital authority. Ed. - Yale; Harvard. Res. - Member Boston Soc. Nat. Hist. 1849-death; curator Boston Soc. Nat. Hist. 1854-1860; Sanitary Commission Inspector Civil War; Harvard Medical School 1869-73.

BORY de ST. VINCENT, JEAN BAPTISTE GEORGE MARIE (1780, Agen — Dec. 23, 1846, Paris). Naturalist; traveler; writer; soldier. Res. - Trip to Mauritius. Baudin's Exped. Australia 1800; Wars of Empire; Representative Maestricht; Berlin, Magdebourg Brussels; France again 1819; Sci. Exp. Moree 1829; "Dictionnaire Classique d'Histoire Naturelle".

BOSC, LOUIS AUGUSTIN GUILLAUM e (Jan. 29, 1759, Paris — July 10, 1828, Paris). Naturalist; agriculturist. Ed. - College de Dijon. Res. - In public office to 1793; America 1796 for two years; Academy of Sciences; Prof. at Jardin des Plantes.

BOULENGER, EDWARD GEORGE (May 8, 1888, London — April 30, 1946). Ed. - St. Paul's School. Res. - Dir. Zoo. Society's Aquarium since 1923; Curator Reptiles and Lower Vertebrates Society's Gardens 1911-1923 and since 1937; 25 Dorset Square, London NW.

BOULENGER, GEORGE ALBERT (Oct. 19, 1858, Brussels — Nov. 23, 1937, St. Malo). Herpetologist; ichthyologist; horticulturist; botanist. Ed. - Louvain. Res. - Royal Belgian Mus.; British Mus. 1882-1920; Fellow Roy. Soc. 1894-; 8 Courtfield Road, South Kensington S.W.; Bot. Gardens, Brussels.

BOURKE, JOHN GREGORY (June 23, 1846, Philadelphia, Pa. — June 8, 1896, Philadelphia, Pa.). Author; soldier; anthropologist; ethnologist. Ed. - U.S. Military Academy. Res. - U.S. Cavalry 1869-; Indian Campaigns of the West; Am. Folklore Soc. Pres. 1896.

BOWERS, H. STEPHEN (Mar. 3, 1832, Dearborn Co., Indiana —). Minister; geologist; archaeologist; reformer; conchologist. Ed. - Common schools. Res. - Preacher, Indiana; Civil War to 1863; U.S. Geol. Survey 1867; U.S. Bureau Ethnology in Wisc.; Geo. Survey Calif.; Politics.

BOYER, DOROTHY A. (1941, Gen.)

BRACE, EDITH M. (Wilson, Niagara Co., N.Y. —). Morphologist. Ed. - Lockport H.S.; Nebraska; Chicago. Res. - Prof. Biology Adrian Coll. Mich.; same, Western Md. Coll.; Westminster, Md.; Inst. Biol. Erasmus Hall H. S., N.Y.C.; 128 Linden Boulevard, Brooklyn N.Y.

BRADY, M. K. (1925, Va.) Res. - 5118 Jamestown Rd., Friendship Sta., Washington, D.C., 1948.

BRAGDON, D. E. (1942, Gen.)

BRAGG, ARTHUR NORRIS (Dec. 18, 1897, Pittsfield, Me. —). Ecologist; herpetologist; embryologist. Ed. - Bates; Hopkins; Boston; Oklahoma. Res. - Asst. biol. Hopkins 1924-25; asst. prof. zool. Marquette, 1925-33; inst. zool. Oklahoma 1934-42, asst. Prof. 1942-.

BRAGG, LAURA MARY (Oct. 9, 1881, Northbridge, Mass. —). Botanist; ecologist; museum director. Ed. - Simmons Coll. Res. - Charleston Museum 1909-1920, dir. 1920-1931; Berkshire Mus. Pittsfield, Mass. 1931-.

BRANSON, EDWIN BAYER (May 11, 1877, Belleville, Kansas —). Geologist; vertebrate palaeontologist. Ed. - Kansas, Chicago. Res. - Oberlin College 1905-1909, prof. 1909-10; Univ. of Missouri, 1910-; 301 S. Glenwood Ave., Columbia, Mo.

BRECKENRIDGE, WALTER JOHN (Mar. 22, 1903, Brooklyn, Iowa —).

Herpetologist; ornithologist; ecologist; curator. Ed. - Iowa; Minnesota. Res. - Preparator, Minn. Mus. Nat. Hist. 1926-33; ass. cur. 1933-36; curator 1936-; Univ. of Minnesota, Minneapolis, Minn.

BREDER, CHARLES MARCUS, Jr. (June 25, 1897, Jersey City, N.J. —). Ichthyologist; herpetologist; vertebrate zoologist. Ed. - Central H. S. Newark, N.J. Res. - U.S. Bur. Fisheries 1919-21; N.Y. Aquarium, Battery Park, New York City; Cur. and Chairman Fishes & Aquatic Life Am. Mus. Nat. Hist.

BREDER, MRS. RUTH BERNICE (1923.)

BREHM, ALFRED EDMUND (February 20, 1829, Reuthendorf — November 15, 1884, Reuthendorf). Naturalist; traveller. Ed. - Jena; Vienna; Leipzig. Res. - Travels in Africa, Spain, Lapland, Siberia; Zoological Gardens Hamburg; founder Berlin Aquarium; "Thierleben".

BRENNAN, GEORGE ALBERT (1856-1934) (1924, Misc.) Historian; author.

BRENNAN, L. A. (1934, Kan.)

BREUKELMAN, JOHN WILLIAM (May 17, 1901, Corsica, S.D. —). Biologist. Ed. - Yankton, Iowa. Res. - S.D. high schools 1923; Asst. Iowa 1927-29; Head Biology Dept. Kansas State Teachers Coll. Emporia, 1929-.

BRIDGES, WILLIAM ANDREW (Jan. 27, 1901, Franklin, Ind. —). Editor. Res. - Chicago Tribune 1923-25; Franklin Star 1925; Paris Times 1926-28; N.Y. Sun 1929-34; editor and cur. publs. N.Y. Zoo. Park 1935-.

BRIMLEY, CLEMENT SAMUEL (Dec. 18, 1863, Great Linford, England — July 23, 1946, Raleigh, N.C.) Entomologist; herpetologist; naturalist. Ed. - Bedford School, England; North Caroline. Res. - Division of Entomology, State Dept. of Agriculture, Raleigh, N.C., 1919-.

BRODERIP, WILLIAM JOHN (Nov. 21, 1789, Bristol, England — Feb. 27, 1859, 2 Raymonds Bldgs. Gray's Inn, London). Lawyer; naturalist; antiquarian; conchologist; librarian. Ed. - Samuel Seyer's School, Bristol, Oriel College, Oxford; Inner Temple; called to bar at Lincoln's Inn. Res. - Police court magistrate 1822-56; then at Westminister; one of founders of Zool. Soc. London.

BROMLEY, R. INNIS (Jan. 24, 1857, Clayton, Contra Costa Co., Calif. — Feb. 1, 1936, Sonora, Calif.) Physician; naturalist. Ed. - Univ. of Calif., 1880; its medical college 1886. Res. - San Francisco 6 yrs. after graduation; Sonora, Calif. 50 yrs.

BRONGNIART, ALEXANDRE' (February 5, 1770, Paris — Oct. 7, 1847, Paris). Chemist; mineralogist; physician; geologist. Res. - In French Army; director porcelain manufactory Sevres; traveller in Sweden; Academy of Sciences 1815; College des Quatres Nations 1797; Mus. Nat. Hist. at Paris 1822.

BRONS, HARRY A. (1882, Kan.)

BROOKING, WALTER J. (June 7, 1910, Simms, Cascade Co., Montana —). Naturalist. Ed. - Whitman Coll., Walla Walla, Wash.; Chicago. Res. - Head Testing and Research Dept. R. G. Le Tourneau Inc., Peoria, Ill. 1937-.

BROOM, ROBERT (Nov. 30, 1866, Paisley, Scotland —). Vertebrate palaentologist; anthropologist; geologist; zoologist. Ed. - Glasgow. Res. - Prof. Geology and Zoology Victoria College, Stellenbosch, South Africa; now keeper of Vertebrate and palaeontology and anthropology Transvaal Mus., Pretoria South Africa.

BROWN, ARTHUR ERWIN (August 14, 1850, Erwinna, Pa. — 1910.) Zoologist; herpetologist; mammalogist; naturalist. Ed. - Private study; Pa. Res. - Am. Phil. Soc., Acad. Nat. Sciences, Phila.; Wistar Institute; Zool. Gardens, Phila., Pa.; 1208 Locust St., Phila.

BROWN, BRYCE CARDIGAN (May 1, 1920, Harlingen, Texas —). Naturalist; herpetologist. Ed. - Brownsville Junior College; Univ. Texas. Res. - Harlingen, Texas; Univ. Texas; T. A. & M. Baylor Univ. Mus. 1947-.

BROWN, CALVIN SMITH, Jr. (Sept. 27, 1909, Lafayette Co., Miss. —). Philologist; herpetologist. Ed. - Mississippi; Cincinnati; Wisc.; Oxford. Res. - Phillips Exeter Acad. 1934-35; Univ. Miss. Summers 1935-37; State Teachers College, Memphis 1935-38; Georgia 1938-.

BROWN, CLAIR A. (Aug. 16, 1903, Port Allegany, Pa. —). Botanist. Ed. - Syracuse; Michigan. Res. Asst. herbarium Michigan 1925-26; inst. La. 1926-29; asst. bot. Michigan 1929-31, asst. prof. Louisiana 1931-35, assoc. prof. 1935-.

BROWN, ELMER EVANS (Apr. 2, 1907, Salisbury, N.C. —). Naturalist; zoologist; herpetologist; ornithologist. Ed. - Davidson; Univ. N. Carolina; Michigan; Cornell; Res. - High School, Greensboro, N.C. 1928-30; Biol. Asst. Cornell 1934-39; Cortland Normal, Spring 1939; Assoc. Prof. Biol. Davidson 1939-.

BROWN, J. ROLAND (1928, Ont.)

BROWN, R. W. (1879, Gen.)

BROWN, SAMUEL (1936, Gen.)

BROWN, W. C. (1939, Wash.) Nat. Hist. Mus., Stanford Univ., 1948.

BROWNELL, L. W. (Nov. 3, 1871, Nyack, N.Y. —). Nature writer; nature

photographer. Ed. - St. John's Military Acad., Sing Sing, N.Y. Res. - Nyack, 1871-1900; New York City 1900-1915; Paterson, N.J. 1915-.

BRUMWELL, MALCOLM J. (1939, Gen.)

BRUNER, HENRY LANE (Jan. 10, 1861, Knox Co., Ill. —). Zooogist; herpetologist (anatomical and physiological). Ed. - Abingdon (Eureka College); Yale; Freiburg; Pa. Res. - Abingdon (Eureka Coll.) 1881-86; Drake 1891-92; Butler Univ. 1892-1938.

BRUNIER, R. (1914, Gen.)

BRYAN, COL. T. M. (1879, Gen.)

BRYANT, HAROLD CHILD (Jan. 30, 1886, Pasadena, Calif. —). Zoologist; conservationist; educator; naturalist. Ed. - Pomona; California (Berkeley). Res. - Univ. of California Museum Vert. Zoology 1913-14; econ. ornithologist 1914-27 California; asst. dir. & chief branch research & educ. supt. Grand Canyon Nat. Park 1939-; National Park Service, Washington, D.C. 1930-1939.

BRYUZGIN (1939, Gen.)

BUCHANAN, G. B. (1914, Gen.)

BUCK, D. HOMER (1946, Texas). 812 W. Gandy St., Denison, Texas, 1948.

BUCKLAND, A. W. (Gen.)

BUCKLAND, CHARLES THOMAS (Feb. 27, 1824, Trusham, South Devon — Mar. 21, 1894, Ashburn Pl., South Kensington, London). Writer, whist specialist; zoologist. Ed. - Eton; Harleyburg. Res. - Bengal Civil Service 1844; Jun. Sec. Gov. Bengal; Mem. Board Revenue Calcutta, retired 1881; Chairman Calcutta port trust; Pres. & founder Calcutta Zool. Gardens; F.Z.S.

BUFFON, COMTE de GEORGES LOUIS LECLERC (Sept. 7, 1707 Montbard Burgundy — April 16, 1788, Paris). Naturalist; philosopher. Ed. - From father; tutor at Dijon. Res. - Travels in Italy, England, etc.; Academy of Sciences 1739; Supt. Royal Garden; "Histoire Naturelle . . . ." 1749-1767.

BUGBEE, ROBERT E. (1945, Kan.)

BULLEN, A. W.

BUMPUS, HERMAN CAREY (May 5, 1862, Buckfield, Maine — 1943). Zoologist; educator; comparative anatomist; director. Ed. - Brown; Clark. Res. - Olivet 1886-89; Clark 1889-90; Brown 1892-1901. U.S. Fish Commission Lab.; Woods Hole; Wisc.; American Mus. Nat. Hist. 1901-11; Business manager Wisconsin 1911-1914; pres. Tufts 1914-1919. Duxbury, Mass. 1919-.

BURGER, JAMES WENDELL (Mar. 1, 1910, Philadelphia, Pa. —). Zoologist; bacteriologist; herpetologist. Ed. - Haverford; Lehigh; Princeton. Res. - Asst. Lehigh 1931-33; Trinity (Conn.) 1936-.

BURLESON, G. L. (1941, Gen.)

BURMEISTER, HERMANN CARL CONRAD (Jan. 15, 1807, Stralsund. Germany — May 1 or 2, 1892, Buenos Aires). Zoologist; entomologist; editor; naturalist; palaentologist. Ed. - Gymnasium Stralsund; Griefswald; Halle; Berlin. Res. - Gymnasium Cologne; Univ. of Halle 1837-1847; Halle Deputy Nat. Assembly 1848; Brazil 2 years; Dir. Mus. Nat. Hist. Buenos Aires; Univ. of Cordoba.

BURNETT, WILLIAM LEWIS (— July 5, 1934). Entomologist; mammalogist; ornithologist. Res. - Colo. Agri. Coll. Fort Collins, Colo.

BURT, CHARLES EARLE (Aug. 12, 1904, Neodesha, Kan. —). Herpetologist; field zoologist. Ed. - Kan. St. College; Michigan. Res. - Am. Mus. Nat. Hist. 1929-30; Trinity (Texas) 1930-31; Southwestern College, Winfield, Kan. 1931 - Manager, Quivira Specialties Co., Topeka, Kan.

BURT, MAY DANHEIM (Mrs. Charles E., nee May Danheim) (Jan. 19, 1904, Blue Rapids, Mich. —). Naturalist; traveller; herpetologist. Ed. - Kansas State. Res. - (see Charles Earle Burt).

BURTSCHER, J. (1932, Gen.)

BUTEL-DUMONT, GEORGE-MARIE (Oct. 28, 1725 or 1728, Paris — 1788, Paris). Historian; publicist; diplomat; translator. Ed. - Res. - Avocat; censeur royal; secretaire d'ambassode a St. Petersbourg; charge du depot du controle generale.

BUTLER, AMOS WILLIAM (Oct. 1, 1860, Brookville, Ind. — Aug. 5, 1937). Vertebrate zoologist; anthropologist; sociologist; ornithologist; mammalogist; herpetologist. Ed. - Brookville; Hanover; Indiana. Res. - Brookville 1911; Indiana Board of State Charities, State House, Indianapolis, Indiana.

BUTLER, P. (1940, Gen.)

BUTZ, LEWIS W. (1929, Gen.)

CADY, L. D. (1936, Gen.)

CAGLE, FRED RAY (Oct. 9, 1915, Marion, Ill. —). Vertebrate ecologist; herpetologist. Ed. - South Ill. Nor. Univ.; Michigan. Res. - Asst. Michigan 1937-

38; South Ill. Nor. Univ. 1938-40; asst. prof. 1940-; Tulane Univ. 1948.

CAHN, ALVIN ROBERT (Aug. 29, 1892, Chicago, Ill. —). Zoologist; ecologist; ornithologist. Ed. - Cornell; Wisconsin; Illinois. Res. - Asst. Wisconsin 1913-18; Texas A. & M., 1919-22; Tennessee Valley Authority, Knoxville, Tenn.; Illinois 1922-40; 190 E. Pearson St., Chicago, Ill.

CALL, RICHARD ELLSWORTH (May 13, 1856, Brooklyn, N.Y. — 1917). Zoologist; geologist; conchologist; comparative anatomist; paleontologist. Ed. - Cazenovia Seminary; Syracuse, Indiana; Iowa State; Hosp. Coll. Med., Louisville; Ohio Univ. (Athens). Res. - Child's Museum, Brooklyn Institute of Arts & Sciences, Brooklyn, N.Y.; Des Moines 1881-82; Moline, Ill. 1885; Manual High school, Louisville, Ky., 1895.

CALMETTE, A. (1863 —). Bacteriologist. Res. - Hon. Prof. Paris Univ.; Sub. Dir. Pasteur Inst. since Metchnikoff's death 1916-; Naval Surgeon 1883-1893; Prof. Bacteriology & Hygiene, Lille 1893; Founder Lille Pasteur Inst., Member Academy of Science, Academy of Medicine, etc.

CAMBROOK, J. D. (1936, Gen.)

CAMP, CHARLES LEWIS (Mar. 12, 1893, Jamestown, N. Dak. —). Vertebrate palaeontologist; herpetologist. Ed. - California (Berkeley); Columbia. Res. - Asst. Mus. Zool. Calif. 1913, 1915; asst. zool. Columbia 1916-17, 1919-20; Asst. Am. Mus. Nat. Hist. 1916-17, 1919-22; Mus. palaeontology, Calif. 1922-, director 1951-.

CAMP, ROBERT DENHAM (Mar. 6, 1867, Meriden, Conn. — Aug. 6, 1929, Brownsville, Tex.) Ed. - Boys' School; Meriden High School. Res. - Meriden, Conn.; Manufacturing, Chicago, Ill.; engineering 20 yrs.; Lyford and Brownsville, Rio Grande Valley 1908-1929.

CAMPBELL, BERRY (March 21, 1912, St. Paul, Minn. —). Comparative anatomist; naturalist. Ed. - California (Los Angeles); Johns Hopkins. Res. - Asst. Zool. Calif. 1932; fellow Western Reserve 1935-37; asst. prof. Univ. Oklahoma 1937-42; Coll. Physicians & Surg. Columbia 1942-; Univ. Minn. Med. School, Minneapolis, Minn., 1948.

CAMPBELL, GEORGE R. (1939, Fla.)

CAMPOS, R. M. del (April 25, 1876, Guanajuata, Mexico —). Writer; teacher; musician; folk-lore specialist. Ed. - Liceo Mexicano. Res. Univ. of Mexico; Nat. Prep. School of Mexico City; Nat. Mus. (ethnography) Nat. Normal School Women; Nat. School Arts and Crafts; Nat. School Fine Arts; Nat. Conservatory; in Secrelanat Pub. Educ. 1898-1919, 1922-; consul in Milan 1920-21; Museo Nacional de Arqueologia, Mexico, D.F.; Casa del Lago, Chapultepec, Mexico, D. F.

CARL, GEORGE CLIFFORD (1944, B. C.) Prov. Mus., Victoria, Canada, 1948.

CARR, ARCHIE FAIRLY Jr. (June 16, 1909, Mobile, Ala. —). Herpetologist; zoogeographer; vertebrate ecologist; ichthyologist. Ed. - Florida. Res. - Inst. Florida 1938-40; asst. prof. 1940-45; Escuela Agricola Tegucigalpa, Honduras 1945-.

CARR, KATHERINE DEWALL (Oct. 10, 1900, Arundel, England — Aug. 15, 1942). Ed. - Kentucky; Cornell. Res. - Moorehead State Teachers College, Ky.

CARR, L. G. (1943, Wisc.)

CARR, LLOYD G. (1943, Fla.)

CARR, M. H. (1942, Fla.) (See A. F. Carr, Jr.)

CARR, WILLIAM HENRY (April 11, 1902. Astoria, L.I., N.Y. —). Naturalist. Ed. - Am. Mus. Nat. Hist. 1926-. Res. - Bear Mountain Trailside Museum, Palisades Interstate Park, Iona Island, N.Y.; Chief naturalist Palisades Interstate Park 1931-.

CARY, MERRITT (Dec. 21, 1881, Wisner, Neb. — Mar. 2, 1918, Gothenburg, Neb.) Naturalist; entomologist; collector; explorer. Ed. - Nebraska. Res. - with Prof. Bruner, Nebraska; Costa Rica; U.S. Biol. Survey and Smithsonian 1907-1917; trips to Colorado, Wyoming, Athabasca and other N. Can. places.

CATESBY, MARK (about 1679, 1680 or 1682, probably London — Dec. 23, 1749, Old Street, London). Traveller; naturalist; artist; etcher; botanist. Ed. - Informal, London. Res. - London; Trip to New World 1710-1719; Eng. 1719-1722; America 1722-1726; England; 1731-1743 "Natural History of Carolina, Florida and the Bahama Islands".

CHAMBERLAIN, EDWARD BURNHAM ( ) Mammalogist; herpetologist; ornithologist. Box 565, Route 4, Charleston, S.C., 1948.

CHESNAYE or CHENAYE-DESBOIS, FRANCOIS-ALEXANDER AUBERT de La (see Desboys de Lachenaye) (July 17, 1699, Ernee, Bas-Maine — Feb. 29, 1784, Paris). Writer; compiler. Res. Haye; Amsterdam; Paris; many dictionaries; "Dictionnaire raisonne' - animaux" Paris 1759.

CHENU, JEAN CHARLES (Aug. 30, 1808, Metz — Nov. 12, 1879, Paris). Physician;

naturalist; conchologist; librarian Ecole du Val-de-Grace; traveler; botanist; Ed. - Paris. Res. - Army, Mar. 2, 1829-; Exped. Alger.; exped. Crimea, 1855; Italy 1859; "Encyclopedie d'histoire naturelle - - - 1850-61"; Commander Legion d'Honneur, 1871.

CLARK, H. (1937, Gen.)

CLARK, HOWARD WALTON (Sept. 9, 1870, Allen Co., Ind. — Aug. 10, 1941, San Francisco). Ichthyologist. Ed. - Indiana. Res - Field Museum 1901-04; U.S. Bur. Fisheries 1904-1905; U.S. Biol. Stat. 1910-23; Steinhardt Aquarium 1923-; also asst. curator & cur. fish Calif. Acad. Sci. 1925-1933.

CLARK, HUBERT LYMAN (Jan. 9, 1870, Amherst, Mass. — July 31, 1947, Cambridge). Zoologist. Ed. - Amherst; Johns Hopkins. Res. - Amherst 1897-99; Olivet 1899-1905; Williams 1920-21; Museum of Comparative Zoology, Cambridge, Mass., 1905-, cur. mar. invert., 1927; emeritus.

CLARK, P. J. (1942, Gen.)

CLAUSEN, HARRY JOHN (Oct. 18, 1904, Clinton, Iowa —). Zoologist. Ed. - Iowa; N. Y. U. Res. - Norwich Univ. 1930-31; Am. Mus. Nat. Hist. 1932-1937; Univ. Colorado School of Medicine, Denver 1937-.

CLAUSEN, ROBERT THEODORE (Dec. 26, 1911, New York City —). Botanist; naturalist; herpetologist; ornithologist. Ed. - Cornell. Res. - Passaic, N.J.; Asst. botany Cornell 1933-35, Bailey Hortorium 1935-37, inst. 1937,39, asst. prof. 1939-, assoc. prof.

CLAUSEN, ROY ELWOOD (Aug. 21, 1891, Randall, Ia. —). Botanist; geneticist. Ed. - Okla. A. & M.; California. Res. - Univ. California 1914, prof. 1928-.

CLAY, WILLIAM MARION (Oct. 3, 1906, Myers, Ky. —). Herpetologist. Ed. - Transylvania, Michigan. Res. - Univ. of Louisville, Louisville, Ky. 1936-.

CLAYTON, JOHN (1685, Fulham — Dec. 15, 1773, Virginia). Field botanist. Res. - Clerk of Gloucester Co. 51 years; "Windsor", Piankatank River, Mathews Co., Va.; two MSS burnt, New Kent Co., Rev. War.

CLENCH, WILLIAM JAMES (Oct. 24, 1897, Brooklyn, N.Y. —). Conchologist; malacologist; ecologist. Ed. - Mich. State; Michigan; Harvard. Res. - Kent Sci. Mus., Grand Rapids 1925-36; Harvard 1936-.

CLOQUET, HIPPOLYTE (1787, Paris — Mar. 3, 1840, Paris). Anatomist; doctor; toxicologist; pharmacologist; editor. Res. - Faculty de medicine, Paris. "Dictionnaire des Sciences naturelle 60 vols. 1816-1830".

COCHRAN, DORIS MABLE (May 13, 1898, North Girard, Pa. —). Herpetologist. Ed. - George Washington; Johns Hopkins; Maryland. Res. - Aid, Division of reptiles and batrachians, U.S. National Museum, Washington, D. C., 1919-27, asst. cur. 1927-42, assoc. curator 1942-.

COCKERELL, THEODORE DRU ALLISON (Aug. 22, 1866, Norwood, Eng. — Jan. 26, 1948). Zoologist; entomologist. Ed. - English private schools; Middlesex Hosp. Med. School, London; Brit. Mus. Nat. Hist. Res. - Pub. Mus., Kingston, Jamaica 1891-93; N.M. Exp. Sta. 1893-01; N. Mex. Normal Univ. 1900-03; Ariz. Expt. Sta. 1901-09; Colo. College Museum 1903-04; Univ. of Colorado, Boulder, Colo., 1904-; emer. prof. 1934-.

COLE, H. J. (1938-

COLEMAN, GEORGE E. (1867, Grass Valley, Calif. —). Ed. - California. Res. - Pasteur Inst. 1911-14; Hoopes Found. Univ. Calif. 1923-37; in service 1940-.

COLLISON, PETER (Jan. 14, 1693-4, Windemere — Aug. 11, 1768, Essex). Naturalist; entomologist; botanist; horticulturist. Res. - One of founders Society Antiques; correspondent of Benj. Franklin; Botanic Garden Mill Hill.

COMBS, C. D. (1919, N.Y.)

COMPTON, LAWRENCE VERLYN (July 4, 1906, Roanoke, Va. —). Ornithologist; mammalogist; soil ecologist. Ed. - California; Kansas. Res. - Soil Conservation Service, Gallup, N.M. 1935-36, Albuquerque 1936-40; Box 1898, Fort Worth, Texas, 1948.

CONANT, ROGER (May 6, 1909, Mamaroneck, N.Y. —). Herpetologist; ornithologist; curator. Ed. - Univ. Pa. Res. - Curator, Toledo Zoo 1929-1935; Herpetologist and then curator Philadelphia Zool. Garden July 1935-.

CONGER, (1920, Mich.)

COOK, LORENZO H. (1930, Calif.)

COOPER, JAMES GRAHAM (June 19, 1830, New York City — July 19, 1902, Hayward, Calif.) Physician; naturalist; palaeontologist; conchologist; vertebrate zoologist; ornithologist. Ed. - Coll. Physic. & Surgeons, N.Y. Res. - Hoboken, N.J.; Pacific R.R. Survey; Geo. Survey, Calif.; Santa Cruz, Calif.; Ventura Co., Calif.; Hayward, Alameda Co., California, 1877-1895.

COPE, EDWARD DRINKER (July 28, 1840, Phila., Pa. — April 12, 1897, Phila., Pa.) Naturalist; palaeontologist; explorer; comparative anatomist; herpetologist; ich-

thyologist. Ed. - Westtown Academy; Pennsylvania; Acad. Nat. Sci. Phila.; Smithsonian Inst.; Heidelberg. Res. - Haverford 1864-67; Explorations West 1871-74; Univ. Pennsylvania.

CORRINGTON, JULIAN DANA (Dec. 22, 1891, Hot Springs, Ark. —). Morphologist. Ed. - Cornell. Res. South Carolina 1916-24; Syracuse 1924-1930; Drew 1930-1931; Ward Nat. Sci. Establ. 1931-36; Washington College, Chestertown, Md. 1936-44; Miami (Fla.) 1944, prof. 1947.

CORY, V. (1936)

COTTAM, WALTER PACE (March 3, 1894, St. George, Utah —). Botanist. Ed. - Brigham Young; Wisconsin; Chicago. Res. - Brigham Young, 1920-31; University of Utah, 1931-.

COUES, ELLIOTT (Sept. 9, 1842, Portsmouth, N.H. — Dec. 25, 1899, Baltimore, Md.) Ornithologist; surgeon, U.S. Army; traveller; historian; mammalogist; editor. Ed. - Gonzaga Seminary; Columbian (George Washington) Col. Res. - Civil War; U.S. Army 1881; Norwich (Vt.); Va. A. & M.; National Medical College; U.S. Northern Boundary Commission; U.S. Geol. Geog. Surv. Terr.; Smithsonian Institution; 1926 N. St. N.W., Washington, D.C.

COVENTRY, ALAN FREETH (Sept. 23, 1888, London, Eng. —). Naturalist; conservationist; embryologist; ecologist. Ed. - Oxford. Res. - Mus. Curator Rothesay, Scotland 1911-12; Univ. Toronto, Canada 1912-.

COWAN, IAN McTAGGART (June 25, 1910, Edinburgh, Scotland —). Vertebrate ecologist; systematist. Ed. - Brit. Colombia; California. Res. - Investigator Dom. Govt. Can. 1929; Nat. Mus. Can. field asst. 1930-31; teaching fellow California 1932-35; asst. biol. Prov. Mus. B.C. 1935-36; asst. dir. 1938-40; asst. prof. Brit. Col. 1940-.

COWLES, RAYMOND BRIDGMAN (Dec. 1, 1896, Amanzimtoti, Natal, S. Africa —). Vertebrate zoologist; herpetologist; ornithologist; ecologist. Ed. - Pomona; Cornell. Res. - Asst., Cornell 1922-25; biol. invest. S. & E. Africa 1925-27; assoc. Univ. Calif. Los Angeles 1927-29; nist. 1929-30; asst. prof. 1930-39; assoc. prof. 1940.

CRAGIN, FRANCES WHITTEMORE (Sept. 4, 1858, Greenfield, N.H. — 1910). Herpetologist; geologist; palaeontologist; zoologist; editor; carcinologist; ecologist. Ed. - Washburn (Kan.), Brooklyn Polytech.; Harvard; Johns Hopkins; Res. - Washburn College 1882-91; Colo. College 1891-1903; Globe Exploring Mining and Milling Co., Colorado Springs, Colo.

CRANDALL, LEE SAUNDERS (Jan. 26, 1887, Sherburne, N.Y. —). Ornithologist. Ed. - Utica Preparatory School; Cornell; Columbia. Res. - New York Zoological Park, 1908-, curator birds 1920-43, gen. curator & director 1943-.

CREASER, CHARLES WILLIAM (Oct. 31, 1897, Britton, S. Dak. —). Ichthyologist. Ed. - Michigan. Res. - Kansas 1923-24; Wayne University, Detroit, Mich. 1924-34, prof. 1934, chairm. dept. biol. 1935-.

CRIDDLE, STUART (1877, Addlestone Surrey — 1937). Ed. - Informal. Res. - England 1877-1882; Canada 1882-; Aweme Treesbank, Manitoba.

CRIMMINS, MARTIN LALOR (April 4, 1876, New York City —). Ed. - Private schools, Georgetown; Virginia (Medicine). Res. - Enlisted U.S. Army, May 23, 1898 - 1st Vol. Calvary, Roosevelt's Rough Riders; Antivenin Inst. San Antonio 1927-1932; Col. Nov. 3, 1920; retired physical disability Mar. 2, 1926; Lab. asst. Mt. Sinai Hospital, N.Y.C. 1936-; work on snake venom in later years. 312 Genesee Rd., San Antonio, 1940.

CRONISE, TITUS FEY (1868-1870, Calif.)

CROSBY, ELIZABETH CAROLINE (Oct. 25, 1888, Petersburg, Mich. —). Neuroanatomist. Ed. - Adrian; Chicago. Res. - Inst. anat. Mich. 1920-26; asst. prof. 1926-29; assoc. prof. 1929-36; prof. 1936-.

CROUSE, F. F.

CROWELL, M. F. (1937, N.H.)

CROWELL, P. S. (1932, Gen.)

CUMMINGS, S. (1835, N.Y.)

CUNNINGHAM, BERT (June 3, 1883, McLeon Co., Ill. — 1943). Biologist; embryologist. Ed. - Ill. Wesleyan; Trinity (N.C.); Wisconsin. Res. - Mo. Wesley, 1909-11; high schools, N.C. 1911-17; Trinity 1917-25; Duke 1925-.

CUNNINGHAM, JOHN T. (1859, London —). Ichthyologist; zoologist. Ed. - St. Olave's Grammar School; Southwark; Balliol Coll., Oxford; University Coll., Oxford. Res. - Edinburgh Univ. 1883, Marine Biol. Assn. 1887-97; Technical Inst. Com. Cornwall 1897-1902; South Western Polytechnic, Univ. of London.

CURRAN, CHARLES HOWARD (Mar. 20, 1894, Orilla, Ont. —). Entomologist. Ed. - Toronto; Kansas; Montreal. Res. - Dominion Ento. Branch 1915, 1919-21, 1923-28; Am. Mus. Nat. Hist. 1938-.

CURTIS, D. G. (1879, Tenn.)

CUVIER, GEORGE LEOPOLD CHRETIEN FREDERIC DAGOBERT, BARON de (Aug. 23, 1769, Montbeliard, Doubs — May 13, 1832, Paris). Anatomist (comparative); philosopher; zoologist; author. Ed. - Informal with mother; Tubingen; Academia Carolina of Stuttgart. Res. - Tutor, Caen; Prof. Nat. Hist., Paris and College de France; Prof. Nat. Hist., Mus. of Natural History, Paris; numerous honors and posts; "Regne animal . . . ." 1817-.

DABNEY, T. G. (1919, Miss.)

DALL, WILLIAM HEALEY (Aug. 21, 1845, Boston, Mass. — March 27, 1927.) Conchologist; invertebrate palaeontologist; naturalist; explorer. Ed. - Boston Latin School; Harvard. Res. - U.S. Coast Survey 1871-1883, U.S. Geological Survey 1884-86, U.S. National Museum, Washington, D.C.; Chicago Academy of Sciences; Western Union International Telegraph Expedition, Alaska, 1865-68.

DAUBENTON, LOUIS JEAN MARIE (May 29, 1716, Montbar — Jan. 1, 1800, Paris). Naturalist; physician; minister. Ed. - Paris. Res. - Montbar 1741; Jardin du Roi 1742; Academie des Sciences 1744; College of France 1778; Museum Nat. Hist. 1794-; Senator 1799.

DAUDIN, FRANCOIS MARIE (March 24, 1774, Paris — 1804, Paris). Naturalist; herpetologist; ornithologist; conchologist. Res. - "Histoire naturelle - reptiles" Paris 1802-04.

DAVIS, A. W. (1937, Md.)

DAVIS, DELBERT DWIGHT (Dec. 30, 1908, Rockford, Ill. —). Osteologist; curator. Ed. - North Cent. Coll.; Chicago. Res. - Asst. Div. Osteol. Field Mus. 1930-37; Asst. cur. Field Mus. 1937-40, curator ana. 1941-.

DAVIS, DON (1942, Neb.)

DAVIS, HARRY T. (1944, Gen., N.C.)

DAVIS, J. H., Jr., (1943, Fla.)

DAVIS, M. B. (1919, Mo.)

DAVIS, NATHAN SMITH, Jr. (Sept. 5, 1858, Chicago, Ill. — Dec. 21, 1920, Chicago). Pathologist; physician. Ed. - Northwestern; Chicago Medical College; Heidelberg; Vienna. Res. - Chicago; South America; Northwestern Medical College 1884-; 65 Randolph St., Chicago, Ill.; many honors.

DAVIS, MRS. OLIVE STULL GRIFFITHS (Mrs. Loy Erman Davis nee Olive Stull Griffith) (Feb. 10, 1905, Rochester, N.Y. —). Herpetologist. Ed. - Smith, Syracuse; Michigan. Res. - Va. State Teachers' Coll.; Fredericksburg, 1929-30; Nat. Res. Fellow, Harvard 1930; 203 Univ. St., West Lafayette, Ind.; 803 E. College St., res. assoc. vet. sci. Purdue.

DAVIS, RICHARD G. (1919, Gen.)

DAVIS, WM. HARPER (1932, Gen.)

DAVIS, WILLIAM THOMPSON (Oct. 12, 1862, Staten Island, N.Y. — Jan. 22, 1945). Entomologst; botanist; naturalist; historian. Ed. - Private schools. Res. - Staten Island Institute Arts and Sciences, Staten Island, N.Y. 1905-, pres. 1930-34.

DECKERT, RICHARD F. (Dec. 5, 1878, New York City —). Artist; naturalist; herpetologist; horticulturist. Ed. - Informal. Res. - New York City to July 1911; Jacksonville, July 1911-July 1912; Keeper amphibians, Reptile House, New York Zool. Park, July 1912-July 1917; Artist for several museums, etc. July 1917-Feb. 1920; Artist Miami Feb. 1920-Apr.-1934; Artist for Albert Pflueger, Apr. 1934.

DEERING, T. W. (1872, Kan.)

DeGRIFS, P. de (1898, Gen.)

DeKAY, JAMES ELLSWORTH (Oct. 12, 1792, Lisbon, Portugal — Nov. 21, 1841, Oyster Bay, L.I., N.Y.) Naturalist; author; physician; carcinologist; herpetologist. Ed. - Informal in Connecticut; Edinburgh. Res. - New York City; Travels in Turkey, Brazil & South America; Lyceum of Natural History, New York; Natural History Survey of New York.

DELLINGER, SAMUEL CLAUDIUS (Jan. 14, 1892, Lincolnton, N.C. —). Protozoologist; archaeologist; herpetologist; mammalogist. Ed. - Duke; Columbia. Res. - Prof. Hendrix Coll. 1915-16, 1917-18; asst. prof. Ark. 1921-22; act. prof. 1922-25; prof. 1925-; curator mus.

DENNIS, WALDO (1892, Gen.) Botanist; geologist.

DESBOYS de LACHENAYE (See Chesnaye ou Chenaye-Desbois, Francois-Alexandre Aubert de La)

DESMAREST, A. G. (1828, Gen.)

DeSOLA, CLARENCE RALPH (July 26, 1908, New York City, N.Y. —). Herpetologist. Ed. - Columbia; Swarthmore. Res. - 235 E. 42nd St., New York, N.Y., later 210 Riverside Drive, N.Y.C. 25; Miami; C. O. Johnson Est., Oceanside, L.I., N.Y.

DEVOE, ALAN (Oct. 13, 1909, Montclair, N.J. —). Author; naturalist. Ed. - Columia. Res. - Author monthly dept. "Down to Earth" Amer. Mercury 1937-.

DICE, LEE RAYMOND (July 15, 1887, Savannah, Ga. —). Mammalogist; ecologist. Ed. - Wash. State; Chicago; Stanford; California. Res. - Alaska Fisheries Service 1911-13; Kan. State 1916-17; Montana 1917-18; Univ. of Michigan, Ann Arbor, Mich., 1919-, prof. 1942-, dir. lab. vert. biol. 1934-.

DICKERSON, MARY CYNTHIA (March 7, 1886, Hastings, Michigan — April 8, 1923)

Ed. - Michigan; Wood's Hole; Chicago. Res. - Central High School, Grand Rapids, Mich. 1891-94; High school, La Grange, Ill. 1894-95; Normal School, Providence, R.I. 1897-1905. Amer. Museum Nat. Hist. 1906-1923.

DICKINSON, WILLIAM E. (1928, Wisc.)

DIGUET, LEON (July 5, 1859, Havre, France — Aug. 31, 1926, Paris). Naturalist; traveler; conchologist; ethnographer; chemist. Res. - Expeditions 1889-92, 1893-96, 1896-98, 1899-1900, 1904-05, 1907-08, 1913-14 to Mexico and Lower California; Correspondant du Museum de Paris.

DILLER, JOSEPH SILAS (August 27, 1850, Plainfield, Pa. — Nov. 13, 1928, Washington, D.C.) Geologist; petrographer. Ed. - Teachers' State Normal School, Westfield, Mass.; Harvard; Heidelberg. Res. - U.S. Geological Survey 1884-1923.

DIONNE, CHARLES EUSEBE (July 11, 1846, or 1845, St. Denis de la Boutallerie, Kamouraska Co., Can. — Jan. 25, 1925, Quebec). Zoologist; ornithologist; mammalogist; entomologist; taxidermist. Ed. - Private masters, A. M. Res. - Curator Zoological Museum Laval, Quebec 1882-1895-.

DITMARS, RAYMOND LEE (June 20, 1876, Newark, N.J. — May 12, 1942). Herpetologist; naturalist; curator. Ed. - Public and private schools. Res. - American Museum Natural History 1891-97; New York Times 1899-1900; Zoological Park, New York, N.Y.

DIXON, JOSEPH SCATTERGOOD (March 5, 1884, Cottonwood Falls, Cherokee Co., Kan. —). Systematic zoologist; naturalist. Ed. - Throop Academy, Stanford. Res. - University of California 1915-31; National Park Service, Berkeley, Calif. wild life dir. 1941-.

DODGE, N. N. (1938, Ariz.)

DOLLEY, JOHN SEIVER (July 2, 1908, Lebanon, Ill. —). Physiologist; entomologist. Ed. - McKendree Coll.; Illinois. Res. - Illinois 1930-34; Parson Coll. 1934-36; Univ. Mississippi 1936-39; U.S. Bur. Fisheries 1940-42; inst. science Vashon High School 1942-.

DOLMAN, HELEN (Mrs. Helen Dolman Blough) (July 16, 1894, Topeka, Kan. —). Science teacher; biologist. Ed. - Washburn; Columbia; Cornell. Res. - Ardmore, Okla. 1919-22; Asst. Prof. Ysilanti 1924-36; Asst. Prof. Colo. S. C. E., Greeley 1937-.

DOUGHTY, J. (1830)

DOUGLAS, R. (1933, Ariz.)

DOUGLASS, VOLNEY MARX (July 3, 1908, Santa Rita Mts., Ariz. —). Ecologist; plant physiologist. Ed. - Arizona; Chicago. Res. - Range ecologist, Univ. Arizona; S. W. Forest & Range Exp. Station; Forest ranger Coronado Nat. Forest 1935; Soil Conservation Service, U.S.D.A. 1936-; Sterling City, Texas 1940.

DOWNS, ALLEN (1937, Kan.)

DROWNE, FREDERICK PEABODY (Jan. 14, 1880, Providence, R.I. — June 27, 1930, Warren, R.I.) Naturalist; explorer; physician; herpetologist; ornithologist. Ed. - Brown; Coll. Physic. & Surgeons Baltimore, Md. Res. - Webster Rothschild Exped. Galapagos Is. 1897-98; M.D. Providence, R.I. 1904-05, Warren, R.I. 1905-07, Chilesburg, Va. 1907-11, Warren, R.I. 1911-26, 1928-30, Exped. Solomon Is. and New Guinea 1926-28; U.S.A. 1st Lt. M.C. June 1917, Capt. April 1918, overseas June 1918-April 1919.

DUDLEY, PAUL (Sept. 3, 1675, Roxbury, Mass. — Jan. 25, 1751, Roxbury, Mass.) Jurist; naturalist. Ed. - Harvard; The Middle Temple, England. Res. - Attorney General, Mass.; Judge Superior Court; Chief Justice, Mass.; Roxbury, Mass.

DUGES, ALFREDO (Apr. 10, 1826, Montpellier, France — Jan. 7, 1910). Entomologist; herpetologist; mammalogist; anatomist; botanist; ornithologist; physician. Ed. - Colegio del Estado, Guanajuato, Mexico. Res.-

DUMERIL, AUGUSTE HENRI ANDRE' (Nov. 30, 1812, Paris — Nov. 12, 1870, Paris) Physician; naturalist; geologist; physiologist; herpetologist; ichthyologist. Ed. - Paris. Res. - Hospital service 1836-40; Aid Naturalist Museum 1840; Sorbonne 1844-46; College Chaptal 1847; Museum 1857; Academie des Sciences 1869.

DUMERIL, ANDRIE MARIE CONSTANT (Jan. 1, 1774, Amiens — August 2, 1860, Paris). Physician; naturalist; herpetologist; ichthyologist; entomologist. Res. - School Anatomy Rouen 1793; Faculte' de medicine de Paris 1800 or 1801; Inst. 1815, Ecole Centrale; Jardin des Plantes 1825-; Erpetologie generale 1835-54.

DUMONT, G. M. B. (1753, La.)

DUNBAR, W. S. (1903, Ohio)

DUNCAN, PETER MARTIN (April 20, 1821, Twickenham — May 28, 1891, Gunnersbery or Chiswick). Geologist; physician; naturalist; archaeologist; botanist. Ed. - Grammar School Twickenham, Niyon; apprentice to physician in London; King's College, London; University of London. Res. - Rochester; Colchester; King's College 1870; Cooper's Hill College, London; Gunnersbury.

DUNHAM, A. L. (1942)

DUNKLE, DAVID HOSBROOK (Winnipeg, Can. —). Vertebrate palaeontologist; ichthyologist; herpetologist. Ed. - Kansas; Harvard. Res. - Asst. Cur. Cleveland Mus. Nat. Hist. 1939-; U.S. Nat. Mus., 1948.

DUNN, EMMITT REID (Nov. 21, 1894, Alexandria, Va. —). Herpetologist; zoogeographer; ecologist; comparative anatomist. Ed. - Haverford 1929-; Harvard special attachments, U.S.N. Museum; Am. Mus. Nat. Hist.; Mus. Comp. Zool.; Acad. Nat. Sci. Phila.; Guggenheim fellow 1928; cur. reptiles Acad. Nat. Sci. Phila. 1937. Res. - Smith, asst. to assoc. prof. 1916-29; Haverford 1929-.

DUNN, LESLIE CLARENCE (Nov. 2, 1893, Buffalo, N.Y. —). Geneticist. Ed. - Dartmouth; Harvard. Res. - Asst. Harvard 1915-17, 1919; Storrs Expt. Stat. (Conn.) geneticist 1920-28; Columbia prof. 1928-.

DUNN, M. T. (1940, Gen.)

DURY, CHARLES (Nov. 14, 1847, Cincinnati — July 20, 1931, Avondale, Cincinnati). Entomologist; ornithologist; conchologist; taxidermist. Ed. - Public school. Miami Med. Coll. Res. - Avondale, Cincinnati 1881-82; (curator Cincinnati Soci Natural History. Taxidermist 40 years in Cincinnati; charter and life member Cincinnati Soc. Nat. Hist., later curator and president of it.)

DURY, RALPH (July 23, 1899, Cincinnati, Ohio —). Curator; naturalist. Ed. - Univ. Cincinnati. Res. - Cincinnati Soc. Nat. Hist. Director 1919-1940.

DUVERNOY, GEORGES LOUIS (August 6, 1777, Montbeliard — Mar. 1, 1855, Paris). Zoologist; anatomist; mammalogist; palaeontologist. Ed. - Private, Stuttgart; Strasbourg; Paris. Res. - Pharmacist army 1799-1800; physician, Montbeliard; associate of Cuvier 1803; Faculty Sciences 1809; Univ. Strasbourg 1827; College de France 1837-1850.

DYCHE, LEWIS LINDSAY (March 20, 1857, Berkeley Springs, West Virginia — Jan. 20, 1915, Topeka, Kan.) Naturalist; mammalogist; ornithologist; explorer; ichthyologist. Ed. - Kansas. Res. - University Museum, Kansas University, Lawrence, Kansas 1888-1915.

DYMOND, JOHN RICHARDSON (Oct. 4, 1887, Kerwood, Ont. —). Systematic zoologist; ichthyologist. Ed. - Toronto. Res. - Dept. Agri. Ottawa 1912-20; University of Toronto 1920-, prof. 1937-.

EAST, BEN (July 18, 1898, Holly, Oakland, Mich. —). Naturalist; photographer; conservationist. Ed. - Holly High School; Michigan. Res. - Various jobs 1918-26; Nature editor Grand Rapids Press and other Booth newspapers 1926-40.

EATON, AMOS (May 17, 1776, Chatham, Columbia Co., New York — May 10, 1842, Troy, New York). Lawyer; botanist; writer; lecturer; geologist. Ed. - Williams; Yale. Res. - New York City; Catskill, N.Y.; Williamstown, Mass.; Medical School (Castleton, Vermont) 1818-. Rensselaer Polytechnic Institute, Troy, New York.

EATON, THEODORE HILDRETH, Jr. (Nov. 6, 1907, Boston, Mass. —). Comparative anatomist. Ed. - Cornell; California (Berkeley). Res. - Cornell 1933-34; National Park Service 1934-35; Union University, Schenectady, New York 1937-1940; Asst. Cornell 1940-42; asst. prof. Buffalo 1942-; Southwestern Coll., Winfield, Kan., 1948.

ECKEL, EDWIN CLARENCE (March 6, 1875, New York City — Nov. 22, 1941). Geologist; engineer. Ed. - College City of New York; New York University. Res. - New York State Museum 1900-02; U.S. Geological Survey 1902-; consulting engineer and geologist private practice 1912-; Tennessee Valley Authority, Knoxville, Tennessee.

EDGREN, RICHARD A., Jr. (1942, Mich.) 4722 Manor Ave., Chicago 25, Ill., 1948.

EDWARDS, GEORGE (April 3, 1694, or 1693, Stratford, Essex — July 23, 1773, Plaistow near London). Naturalist; artist; ornithologist. Ed. - Public school, Leytonstone; apprentice Fenchurch Street, London; read with Dr. Nicholas. Res. - Travels in Holland, Norway, France 1718-20; Trip to America; Librarian Royal College of Physicians; he brought out a second edition of Catesby.

EDWARDS, HENRI MILNE (See Milne-Edwards, H.)

EHRLICH, S. PAUL (1928, Gen.)

EIFRIG, CHARLES WILLIAM GUSTAVE (Sept. 23, 1871, Doebeln, Saxony, Germany —). Vertebrate zoologist; minister. Ed. - Concordia; Concordia Theological Sem., Chicago. Res. - Minister McKees Rock, Pa. 1895-99; Cumberland, Md. 1899-1903; Ottawa 1903-09; Concordia Teachers' Coll., River Forest, Illinois 1909-1942.

EISEN, GUSTAVUS AUGUSTUS (Aug. 2, 1847, Stockholm — 1940). Ed. - Stockholm. Res. - Stockholm; U.S. 1872; Fresno, Calif.; Calif. State. Hort. Commissioner 1886; Mediterranean countries 1903-15; 146 East 49th St., N.Y.C.

ELLIOT, JOHN (1747, Chard — 1787). Physician; pharmacist. Res. - Pharmacy, London 1777.

ELLIOT, DANIEL GIRARD (March 7, 1835, New York City — Dec. 22, 1915, New York City). Zoologist; mammalogist; ornithologist. Ed. - Informal; travel 1856-78 in Europe, Africa and Asia; afterwards in Canada, U.S.A., South America. Res. - Field Museum Natural History 1894-; Am. Mus. Nat. Hist. 1906-.

ELLIOT, R. H. (1935, Gen.)

ELLIS, MAX MAPES (Dec. 3, 1887, Lawrence, Indiana —). Physiologist; ichthyologist. Ed. - Vincennes; Illinois; Indiana. Res. Idaho Normal School; Illinois; Vincennes, 1909; Indiana, 1910-11; University of Colorado 1911-19; Univ. of M;ssouri, Columbia, Mo. 1919-27, prof. 1927-.

ELLIS, R. H. (1935, Gen. & Calif.)

ELROD, MORTON JOHN (Apr. 27, 1863, Monongahela, Pa. —). Zoologist; limnologist; conchologist; entomologist. Ed. - Simpson; Ill. Wesleyan; Montana. Res. - High school prin. Iowa 1887-88; Ill. Wesleyan 1888-97; biol. Montana 1897-1935, emeritus prof.

ENGELHARDT, GEORGE PAUL (Nov. 23, 1871, Hanover, Germany — May 24, 1942). Entomologist; herpetologist. Ed. - Gym. Baden, Baden. Res. - Hon. curator Brooklyn Museum, Brooklyn, N.Y.

ENGELS, WILLIAM LOUIS (Oct. 28, 1905, Green Bay, Wisc. —). Ecologist; mammalogist; zoogeographer. Ed. - Notre Dame; California. Res. - Notre Dame 1930-32; asst. California 1934-37; inst. North Carolina 1937-39, asst. prof. 1939-41, assoc. prof. 1941-.

ENGLE, EARL THERON (March 19, 1896, Waterloo, Iowa —). Anatomist; mammalogist. Ed. - Nebraska Wesleyan; Colorado; Stanford. Res. - Colorado 1921-24; Stanford 1925-28; Columbia, 1928-.

ERWIN, RICHARD P. (1925, Ida.)

ESCHSCHOLTZ, JOHANN FRIEDRICH (Nov. 1, 1793, Dorpat (Livonia) — May 19, or 7, 1831, Dorpat). Naturalist; traveller; physician; botanist; entomologist. Res. - With Kotzebue 1815-18, also 1823-26; Professor of Medicine and director Zoological Cabinet University of Dorpat 1819-22, 1828-.

ESSEX, HIRAM ELI (Jan. 28, 1893, Glasford, Ill. —). Physiologist. Ed. - Knox College, Illinois. Res. - Illinois 1927-28, Mayo Clinic, 1928-.

EVANS, ARTHUR THOMPSON (May 22, 1888, Wellington, Ill. — Oct. 1943). Botanist; ecologist. Ed. - Illinois; Colorado; Chicago. Res. - Principal High School Michigan 1912-14; Colorado 1914-17; U.S. Dept. Agri. 1918-19; Huron 1919-20; S.D. State College 1920-28-; Miami (Ohio) 1928-, head bot. dept.

EVANS, HOWARD E. (1947, N.Y.)

EVANS, P. D. (1940, Mo.) 316 W. 16, Kansas City 8, Mo., 1948.

EVERETT, HARRY HARDING (Sept. 5, 1875, Troy Grove, Illinois —). Surgeon; horticulturist; naturalist. Ed. - Nebraska; Northwestern; N.Y. Post Grad. School; Johns Hopkins; Jena; Vienna. Res. - University Nebraska 1902; Pres. Lincoln Sanitorium 1917-1928; numerous positions in Lincoln, Nebr.; 301 Woodmen Accident Bldg., Lincoln.

EVERMAN, BARTON WARREN (October 24, 1853, Albia, Monroe Co., Iowa — Sept. 27, 1932, Berkeley, California). Ichthyologist; aquatic biologist; naturalist; ornithologist. Ed. - Howard (Ind.); Butler; Indiana. Res. - Indiana State Normal 1886-1891; U.S. Bureau of Fisheries 1891-1914 (at Stanford, Cornell, Yale) finally California Academy of Sciences, San Francisco, Calif. 1914-32.

FALCK, EUGENE GUSTAV JOHANN (Mar. 12, 1912, Chicago, Illinois —). Ed. - Northwestern Univ. Res. - Cur. Rept. Lincoln Park Zool. Gardens 1938; Lab Worker Field Museum, 1938-40.

FANNIN, JOHN (1839 — 1904).Mammalogist; ornithologist; taxidermist; osteologist. Res. - Prov. Mus., Victoria, Canada.

FERNANDEZ, FRANCISCA (See Hernandez) (—). Naturalist; physician. Res. - Upt to N. A. 1570-76; "nova plantarium animalium et mineralium meracanorum . . ." 1615 or 1631 or 1651.

FERRARI-JEREZ, FERNANDO (—). (1887). Botanist; zoologist; engineer; ornithologist.

FERGUSSON, JAMES (Jan. 22, 1808, Ayr, Scotland — Jan. 9, 1886, London). Architect; archaeologist; writer. Ed. - Edinburg High School; private school Hounslow; Fairlie, Fergusson and Co., Merchants, Calcutta, India. Res. - Business for himself, India; 20 Langham Place, London.

FERUSSAC, ANDRE' ETIENNE JUST PASCHAL JOSEPH FRANCOIS d'AUDEBARD (Dec. 30, 1786, Chartron near Lauzcite — Jan. 21, 1836, Paris). Naturalist; writer; zoologist. Res. - Government Service "Chef de division an Ministere du

commerce".

FEWKES, JESSE WALTER (Nov. 14, 1850, Newton, Mass. — May 31, 1930, Forest Glen, Md.) Ethnologist; marine zoologist; explorer; archaeologist. Ed. - Harvard, Leipzig; Villa Franca. Res. - Mus. Comp. Zool. Harvard Univ.; Boston Soc. Nat. Hist., Boston, Mass.; Newport Marine Lab.; Dry Tortugas; Bermuda; Santa Barbara, Calif.; Station Zool., Roscoff, France; U. S. Bureau of Ethnology, Washington, D. C.

FILIPPI, FILIPPO de (April 20, 1814, Milan — Feb. 9, 1867, Hongkong). Zoologist; embryologist; traveller. Res. - Univ. Paris and Turin; Voyage to Persia 1862; voyage — du Magenta; Prof. Turin 1855.

FINSTER, ETHEL BEULAH (May 31, 1881, Steamboat Rock, Iowa —). Teacher; naturalist. Ed. - Iowa State Teachers College; Ball's State Teachers College; Michigan. Res. - Taylor Univ. 1920-22; Ind. Public Schools 1924-26; Wood Junior College 1927-29; Ashville College 1929-40.

FISCHER, JOHANN GUSTAV ( ). Herpetologist; comparative anatomist; mineralogist. (1856, Gen.)

FISCHER, SIGMUND CASPAR ( ). Zoologist; mineralogist.

FISCHER von WALDHEIM, GOTTHELF (Oct. 3 or 15, 1771, Waldheim — Oct. 13 or 18, 1853, Moscow). Ed. - Freiberg; Leipzig. Res. - Prof. Nat. Hist. Mayenee 1798; Imp. Soc. Nat. Moscow 1805-; President Alad. 1846.

FISHER, ALBERT KENRICK (Mar. 21, 1856, Ossining, N.Y. —). Ornithologist; traveller; explorer; naturalist. Ed. - Columbia. Res. - U.S. Dept. Agriculture, 1885-95; U.S. Biol. Survey 1895-1931; U.S.N. Museum 1931-.

FISHER, EDNA MARIE (Dec. 30, 1897, Riverside, Indiana —). Herpetologist; comparative anatomist; ornithologist; teacher; anthropologist. Ed. - California; Stanford. Res. - San Francisco Coll.; Teach. Fellow 1922-23; Asst. Cur. Osteology 1923-30, Mus. Vert. Zool., California; inst. biol. San Francisco State College, San Francisco, Calif. 1930-35, asst. prof. 1935, assoc. prof. 1940-; 2410 Fulton St., Berkeley 1938-.

FISHER, GEORGE CLYDE (May 22, 1878, Sidney, Ohio —).. Astronomer. Ed. - Miami; Johns Hopkins. Res. - Prin. Acad. Palmer 1907-10; American Mus. of Natural History 1913-41; hon. cur. Hayden Planetarium 1941-.

FITCH, HENRY SHELDON (Dec. 25, 1909, Utica, N.Y. —). Herpetologist; vertebrate zoologist. Ed. - Oregon; California (Berkeley) 1934-38. Res. - U.S. Fish & Wild Life, San Joaquin Exp. Range, O'Neal's Calif. 1938-; Allandale Housing Project, 909-A Verone Terrace, Leesville, La., 1948.

FITZINGER, LEOPOLD JOSEPH FRANZ JOHANN (Apr. 13, 1802, Vienna — 1884). Herpetologist; zoologist; mammalogist; ornithologist; physician; arachinologist. Ed. - Vienna. Res. - Landstander, Baja Austria 1821; custodian, K. K. Mus. Vienna 1846-; Zoolog. Garden, Munich 1863; Zool. gard. Pest 1865-; many papers, Vindobonae, Vienna, Munich, Stuttgart, Tubingen 1826-.

FLEMING, JOHN (Jan. 10, 1785, Bathgate, Linlithgowshire — Nov. 18, 1857, Edinburgh). Minister; mineralogist; zoologist. Ed. - Res. - Bressay 1808; Clackmannan 1832; Univ. Aberdeen 1934; Free Church College, Edinburgh 1845-.

FLINT, WESLEY PILLSBURY (May 4, 1882, South Hampton, N.H. —). Economic entomologist. Ed. - New Hampshire. Res. - Mass. Gipsy Moth Comm. 1906-07; H. L. Frost and Company, 1907-08; Nat. Hist. Survey, Ill. 1908-.

FLOWER, STANLEY SMYTH (Aug. 1, 1871, London — Feb. 3, 1946). Traveller; zoologist; ornithologist; herpetologist; arachinologist; curator. Ed. - Wellington Coll., Berks; King's Coll., London. Res. - Officer Northd Fusilliers from Feb. 1890; India etc. 1894-98; Egypt, etc. Giza 1898-1924; Retired from Egypt 1924; Home Address, Tring, Herts 1909-; London Zool. Soc. 1924-1946, vice-pres. 1927-29.

FOGG, BENJAMIN FRANK (— Feb. 9, 1876, Portland, Maine). Comparative anatomist; herpetologist; zoologist; physician. Ed. - Apprentice to Dr. Tewksbury. Res. - Portland, Me., physician; curator herpetology, Portland Soc. Nat. Hist. 1857-66.

FORBES, THOMAS ROGERS (Jan. 5, 1911, New York City —). Anatomist. Ed. - Rochester. Res. - Asst. Hopkins 1937-38, inst. 1938-42; tech. aide cmt. med. res. Off. Sci. Research Development 1942-, Hopkins.

FORCE, EDITH RHODA (Oct. 26, 1890, Chicago, Ill. —). Ed. - Knox; Chicago; North Texas State College (Denton); Okla. A. & M.; Tulsa; Michigan; Cornell. Res. - Beatrice, Nebr. 1918; Denton, Texas, 1921; Okmulgee 1923; Wilson Junior High School, Tulsa, Oklahoma 1926-1938; 3021 E. 8th St., Tulsa 4, Oklahoma.

FORSTER, JOHANN REINHOLD (Oct. 22, 1729, Dirshau, Prussia — Dec. 9, 1798, Halle). Naturalist; traveller; entomologist; mineralogist. Ed. - Gymnasium Berlin; Halle. Res. - Nassenhuben pastor 1753; Asiatic Russia 1765; Capt. Cook's

Voyage 1772; Prof. Halle 1780.

FOTHERGILL, A. (March 8, 1712, Carr End, Wensleydale, Yorkshire — Dec. 26, 1780, Winchimore Hill). Naturalist. Ed. - Sedbeigh Grammar School; Edinburgh; St. Thomas' Hospital, London. Res. - London 1740-; F. R. S. 1763; Upton estate near Stratford.

FOUNTAIN, PAUL ( ) Traveller; writer. (1901, Ga.)

FOWLER, HENRY WEED (Mar. 23, 1878, Holmesburg, Pa. —). Ichthyologist; herpetologist. Ed. - Stanford. Res. - Academy of Natural Sciences 1903-.

FOWLER, JAMES A. (July 15, 1916, Skowhogan, Me. —). Zoologist; librarian; speleologoist; parasitologist. Ed. - Geo. Washington (D.C.). Res. - Geo. Wash. Univ. Lib.; U.S. Civil Serv. Comm. 1940-; Bethesda, Md.; 29 Irving St., Chevy Chase, Md.; Acad. Nat. Sci. Phila. 1947.

FOX, EDWARD L. (1931, Gen.)

FOX, HERBERT (June 3, 1880, Atlantic City, N.J. — Feb. 27, 1942). Pathologist; bacteriologist. Ed. - Central High School, Philadelphia, Pa.; Vienna. Res. - Rush Hospital, Phila. 1904; State Dept. Health Pa. 1906-; Phila. Zool. Soc. 1906-; Univ. of Pa., Phila., Pa.

FRANKLIN, DWIGHT (Jan. 28, 1888, N. Y. C. —). Artist. Res. - Am. Mus. Nat. Hist. 1906-14; Arcturus Exped. 1925; art dir. Douglas Fairbanks 1925; Mus. City N.Y. 1929; designer motion pictures; 48 Haldeman Rd., Rustic Canyon, Santa Monica, Calif.

FRANKLIN, JOHN (April 16, 1786, Spilsby, Lincolnshire, Eng. — June 11, 1847, in the Arctic.) Arctic explorer; traveller; naturalist. Ed. - Informal. Res. - Royal Navy "Polyphemus" 1801; with Flinders S. Pacific "Investigator"; Buchan's Arctic Exped. 1818; Expedition 1819-1822 British North America; Expedition 1825-27 British North America; "Rainbow" Coast of Greece 1830-33; Van Dieman's Land 1837-43; "Erebus & Terror". Lost and died in Arctic June 11, 1847 beyond Lancaster Sound.

FRANQUE, JOHANN BAPTIST von (1796 — 1866). (1817, Gen.)

FREEMAN, BERYL

FREMINVILLE, CHRISTOPHE (Paulin de la Poix, Chevalier de) (Jan. 23, 1787, Ivry — Jan. 11, 1848, Brest). Archaeologist; naturalist; military marine. Res. - Ensign 1807; Lieut. 1811; Captain 1830; trips to Boulogne against English, St. Domingo, Mer Glaciale (Nord), Antilles, Brazil, Baltic, Senegal; Paris 1846; Brest.

FREMONT, JOHN CHARLES (Jan. 21, 1813, Savannah, Ga. — July 13, 1890, New York City). Explorer; politician; soldier; promoter. Ed. - Charleston College. Res. Norfolk; Charleston, S.C.; U.S. Navy; U.S. Topographical Corps 1838; Two western expeditions before Mexican War; Exped. to Calif.; Monterey, Calif.; New York City; Civil War (Major-General) Governor of Territory of Arizona.

FRICKER, A.

FRIDDLE, SAUFLEY B. (1946, W. Va.) U.S. Leetown Fish Hatchery, Kearneyville, W. Va., 1948.

FRIERSON, LORRAINE SCREVEN, Jr. (Aug. 7, 1861, Lakeville, DeSoto Parish, La. —). Conchologist; herpetologist; antiquarian; botanist.

FRORIEP, LUDWIG FREDERICH von (Jan. 15, 1779, Erfurt — July 28, 1847, Weimar.) Physician; writer; gynecologist; comparative anatomist. Ed. - Jena. Res. - Univ. of Halle, 1804; Berlin, Tubingen (1808) Weimar 1816-.

FRORIEP, ROBERT von (1804, Jena — 1861, Weimar). Physician; anatomist. Ed. - Bonn. Res. - Univ. Jena 1830-33; Univ. Berlin 1833; Weimar 1846-1855.

FRY, FREDERICK ERNEST JOSEPH (April 17, 1908, Surrey, England —). Ichthyologist; ecologist. Ed. - Toronto. Res. - Toronto; Ont. Fisheries Research Lab., Toronto.

FUNKHOUSER, WILLIAM DELBERT (Mar. 13, 1881, Rockport, Ind. —). Entomologist; zoologist; univ. dean. Ed. - Wabash; Cornell. Res. - Ithaca High School 1907-15; Cascadilla School 1915-18; Univ. of Kentucky 1918-, dean grad. school 1925-.

GADOW, HANS FRIEDERICK (March 8, 1855, Pomerania — May 16, 1928, Cambridge, England). Morphologist; herpetologist; ornithologist; zoogeographer; ecologist. Ed. - Schools Frankfort-on-the-Oder; Berlin; Jena; Heidelberg. Res. - Prussian Guards; Brit. Mus. 1880-82; F. R. S. 1892; Museum of Zoology, Cambridge, Eng. 1882-.

GAIGE, HELEN THOMPSON (Mrs. Frederick McMahon Gaige, nee Helen Thompson). Ed. - Michigan. Res. - Asst. Mus. Mich. 1910-18, asst. cur. amph. & reptiles 1918-23, curator amphibians 1923-; editor in chief of Copeia 1937-.

GAIMARD, JOSEPH PAUL (b. about 1790 — Dec. 10, 1858, Paris). Zoologist; natur-

alist; traveller. Res. - Voyage de Astrolabe to Oceanica 1826-29; Trips to Iceland, Greenland, Lapland, Sptizbergen (1835-1840); Paris-

GAINES, ANGUS ( ). Zoologist; herpetologist. Res. - 38 Locust Avenue, Vincennes, Ind. (1894, Ind.)

GALE, BENJAMIN (Dec. 14, 1715, Jamaica, L.I., N.Y. — May 6, 1790, Killingworth, Conn.) Physician; agriculturist; representative. Ed. - Goshen, N.Y.; Yale; informal Killingwortn, Conn. Res. - Physician Killingworth, Conn.; Conn. General Assembly.

GARDEN, ALEXANDER (1728 or 1730, Aberdeen — 1792 or 1791 London). Physician; botanist. Ed. - Edinburgh; Aberdeen. Res. - Prince William Parish, S.C. 1750-; N.Y. 1754; Charleston; priv. practice 30 yrs.; F. R. S.; Europe 1783; trips to France, Switzerland, London.

GARMAN, HARRISON (Dec. 27, 1858, Lena, Ill. —). Entomologist; naturalist. Ed. - Ill. State Normal Univ., Normal, Ill.; Johns Hopkins. Res. - Univ. of Ill. 1883-89; State Entomologist Kentucky 1889-1929; now Univ. of Kentucky, Lexington, Ky.; emer. prof. 1929-; 638 S. Limestone St., Lexington, Ky.

GARMAN, SAMUEL (W) (June 5, 1843, Indiana Co., Pa. — Sept. 30, or Oct. 1, 1927). Ichthyologist; herpetologist; zoologist; anatomist; naturalist. Ed. - Illinois State Normal, Ill. Res. - Mississippi State Normal, Holly Springs; Ferry Hill Seminary, Lake Forest, Ill.; San Francisco; Penikese; Mus. of Comparative Zoology, Harvard Univ., Cambridge, Mass.

GARNIER, JOHN H. (1823, France — Feb. 1, 1898, Lucknow). Physician; herpetologist; gardener; mammalogist; botanist; ornithologist. Ed. - Dublin; Paris. Res. - France; Scotland; travels Australia, India & S. Africa; Hagersville, Ont.; Lucknow 1860-.

GASTMAN, E. A. (June 15, 1834, New York City — Aug. 3, 1907, Boston). Entomologist; botanist; educator; ornithologist. Ed. - Ill. State Normal, Normal, Ill. Res. - Decatur, Ill. 1860-; Supt. City Schools, Decatur, Ill. 48 yrs.

GATES, WILLIAM HAZEN (May 11, 1883, Mahableshwar, India —). Zoologist. Ed. - Williams; Harvard. Res. - Mass. Fish and Game Com. 1902-08; Louisiana State Univ., prof 1909-.

GEBHARD, JOHN, Jr. ( ). Palaeontologist; archaeologist. (1851, N.Y.)

GEE, NATHANIEL GIST (April 20, 1876, Union, S.C. — Dec. 18, 1937). Educator, naturalist; ornithologist; anthropologist. Ed. - Wofford. Res. - Soochow Univ. China 1901-; travels in Asia and Australia 1921-22; Rockefeller Foundation Advisor Nat. Sci. for China - 1932; vice-pres. Yenching Univ. 1932-35; Biol. Dept. Lander Coll. Greenwood, S.C. 1935-37.

GEISSLER, ELIE (1676)

GENTRY, G. (1941, Tenn.) Res. - 106 Penn Ave., Paris, Tenn.

GEOFFROY-SAINT HILAIRE, ETIENNE (April 15, 1772, Etampes Seine - et-Oise — June 19, 1844, Paris). Naturalist; mammalogist; lawyer; physician; anatomist. Ed. - College of Navarre and Lemoine, Paris; College de France. Res. - Mus. of Nat. Hist., Paris, 1793-; Bonaparte's Exped. Wegyht 1798-1801; Institute of Sciences, Paris 1807; Faculty of Sciences 1809.

GEORGE, IRA D. (1930, Gen.) La. State Univ., Baton Rouge, La., 1948.

GERMAIN, Q. M.

GERSHENFIELD, LOUIS (1929, Gen.)

GERVAIS, FRANCOIS LOUIS PAUL (Sept. 26, 1816, Paris — Feb. 10, 1879, Paris). Zoologist; palaeontologist; comparative anatomist. Ed. - Univ. Montpelier, 1846; Univ. Paris 1865. Res. - Mus. 1835-; Univ. Montpelier 1845-56; Univ. Paris 1865; Institute 1874.

GESNER, C. (1516-1565) (1589, Gen.)

GESSING, WILLIAM Jr. (1940, Ky.)

GIBBES, ROBERT W. (1809-1866)

GIBBS, ROBERT MORRIS (1856 — Sept. 18, 1908, Kalamazoo, Mich.) Vertebrate zoologist; anatomist; entomologist; osteologist; physician; herpetologist; ornithologist. Res. - Kalamazoo, Mich.; Nat. Hist. editor Am. Angler (N.Y.) (Pseudonym - Scolopax, etc.)

GEIBEL, CHRISTOPHE GOTTFRIED ANDREAS (Sept. 13, 1820, Quedlinburg, Prussia — Nov. 14, 1881, Halle). Anatomist; palaeontologist; vertebrate zoologist; editor; naturalist. Ed. - Halle; Berlin. Res. - Naturw. Ver. Berlin.

GILBERT, E. S. (1879, N.Y.)

GILL, THEODORE NICHOLAS (Mar. 21, 1837, New York, N.Y. — Sept. 25, 1914, Washington, D.C.) Librarian; naturalist; ichthyologist; vertebrate zoologist; conchologist; comparative anatomist. Ed. - Private schools; special tutors; Wagner Free Inst., Phila. Res. - Library of Congress; Geo. Washington Univ.; Smithsonian Instit., Washington, D.C.

GILPIN, JOHN BERNARD (Sept. 4, 1810, Newport, R.I. — Mar. 12, 1892, Annapolis, N.S.) Mammalogist; ornithologist; naturalist; physician; ichthyologist. Ed. - Trinity College, Providence, R.I., completed education in England. Res. - Halifax 1846-, then Annapolis, N.S. One of original founders Nova Scotia Inst. Sci., Halifax, N.S.; MRCS, FRSC.

GIRARD, CHARLES FREDERIC (Mar. 9, 1822, Mulhausen, Upper Alsace — Jan. 29, 1895, Neuilly-sur-Seine). Taxonomic zoologist; ichthyologist; herpetologist. Ed. - Neuchatel, Switzerland; Georgetown. Res. - Cambridge, Mass.; U.S. National Mus., Paris.

GITHENS, THOMAS STOTESBURY (July 29, 1878, Philadelphia, Pa. —). Immunologist; pharmacologist. Ed. - Pennsylvania. Res. - Rockefeller Inst. 1910-19; H. K. Mulford Co., now Sharpe & Dohme Co., Phila., Pa. 1919-1940; lecturer Temple 1931-33.

GITHING, PETER (1931, S.C.)

GLASSMAN, D. (1930, Gen.)

GLOVER, THOMAS (1705, Va.)

GLOYD, HOWARD KAY (Feb. 12, 1902, DeSoto, Kan. —). Herpetologist. Ed. - Ottawa; Kansas State College; Michigan. Res. - Wellsville, 1920-22; Kan. State 1923-24; Ottawa 1924-27; Kansas Ag. Coll. 1927-29; Michigan 1929; Corvallis, Ore.; Chicago Academy of Sciences, Chicago, Ill., director 1936-. 2001 N. Clark St., Chicago, Ill., 1948.

GMELIN, CARL CHRISTIAN (Mar. 18, 1762, Badenweiler — June 26, 1837, Karlsruhe). Botanist; pteridophytist; naturalist; zoologist; physician. Ed. - Strassburg; Erlangen; Karlsruhe. Res. - Karlsruhe 1784; finally Prof. Nat. Hist. and Director Museum and Botanical Garden, Karlsruhe.

GODMAN, FREDERICK DUCANE (Jan. 15, 1834, Park Hatch, Godalming — Feb. 19, 1919, London). Ornithologist; entomologist; botanist. Ed. - Private tutors; Eton; Trinity Coll., Cambridge. Res. - Mediterranean Sea; Crimea 1855-; Norway, Lapland, Sweden, Russia; Guatemala 1861; Azores 1865; Canaries, Madeira 1871; "Biologia Centrali-Americana 1876-"; India 1880; Mexico 1885; Africa 1891; Proprietor Godman & Salvin Coll. 45 Pont Strs. Cad S.W. 1917.

GODMAN, JOHN DAVIDSON (Dec. 20, 1794, Annapolis, Md. — Apr. 17, 1830, Germantown, Pa.) Editor; physician; anatomist; naturalist. Ed. - Maryland. Res. - Baltimore, Md., War of 1812; Elizabethtown, Pa.; Philadelphia, Pa.; Med. Coll. of Ohio, Cincinnati; Philadelphia School of Anatomy; Rutgers Medical College, New York City; Germantown, Pa.

GOFF, CARLOS CLYDE (October 2, 1905, Charleston, Ill. — Jan. 13, 1939). Entomologist; herpetologist. Ed. - Illinois. Res. - Ill. Nat. Hist. Survey 1927-30; Field Lab. Univ. of Florida, Leesburg, Florida.

GOIN, COLEMAN JETT (Feb. 25, 1911, Gainesville, Fla. —). Ed. - Florida. Res. - Cur. Biol. Dept. Univ. Fla. 1937-40; Asst. herpetology, Carnegie Mus. summers 1936-1940.

GOLDSMITH, OLIVER (Nov. 10, 1728, Pallas near Ballymahon, Longford — April 4, 1774, London). Physician; traveller; author. Ed. - Schools at Elphni, Athlone and Edgeworthstown; Trinity College. Res. - Pallas; Lissoy; Ballymahon; Edinburgh; Louvain; Padua.

GOLDSTEIN, ROBERT CASSELL (April 29, 1920 —). Ed. - Cornell. (1941, Fla.)

GOODE, GEORGE BROWN (Feb. 13, 1851, New Albany, Ind. — Sept. 6, 1896, Lanier Heights, Washington, D.C.) Ichthyologist; naturalist; author; administrator; curator. Ed. - Wesleyan; Harvard. Res. Amenia, Dutchess Co., N.Y.; Wesleyan Museum; Bermuda; Smithsonian Inst. 1877; U.S. Fish Comm.; U.S. Nat. Museum.

GORDON, KENNETH LLEWELLYN (June 7, 1899, Taylorville, Ill. —). Ornithologist; herpetologist. Ed. - Colorado College; Univ. Colorado; Missouri; Cornell. Res. - Univ. Missouri 1926; Oregon State Agri. College 1927-.

GOSNER, KENNETH L. (1942, Pa.)

GOSSE, PHILIP HENRY (April 6, 1810, Worcester, Eng. — Aug. 23, 1888, St. Mary's Church, Eng.) Zoologist; writer; entomologist; naturalist. Ed. - Schools in Poole, Blandford. Res. - Coventry; Leicester, Poole, Dorsetshire; Carbonear and St. Mary's, Newfoundland 1827-35; Compton, Canada 1835-38; Travels U.S.A. 1838; Dallas, Alabama; School London to 1843; Bluefields Jamaica 1844; England 1846-; St. Mary's Church, Devonshire; London; St. Mary's Church.

GOUGH, LEWIS HENRY (1903, Gen.)

GOWANLOCH, JAMES NELSON (Sept. 7, 1895, Cypress River, Man., Canada —) Marine zoologist; physiologist; ecologist; conservationist. Ed. - Manitoba. Res. - Chicago 1919-22; Wabash 1922-23; Dalhousie 1923-30; Mem. Biol. Board Con. 1927-30; State Biologist Louisiana 1931-.

GRABER, R. (1915, 1922, Gen.)

GRAF, WM. (1939, Ore.)

GRANT, MAJOR CHAPMAN (Mar. 22, 1887, Salem Center, N.Y. —). Herpetologist; explorer; editor; Army officer (retired). Ed. - Williams. Res. - At 4 museums, Brooklyn and New York, San Diego, 2 aquaria New York - Dr. Bait; editor and founder Herpetologica 1936-; now U.S. Army retired, 2970 Sixth Avenue, San Diego, California.

GRANT, W. T. (1871, Ga.)

GRATER, RUSSELL K. (1938, Ariz.) Mt. Rainier Nat. Pk., Lonsmire, Wash., 1947.

GRAVENHORST, JOHANN LUDWIG CHRISTIAN (Nov. 14, 1777, Braunschweig Jan. 14, 1857, Breslau). Entomologist; herpetologist. Ed. - Gottingen. Res. - Gottingen 1804; Prof. and Dir. Bot. Gart. Frankfurt-a.-M. 1810; prof. and dir. Zool. Mus. Breslau 1811-57.

GRAY, EDWARD WHITAKER (1748 — Dec. 27, 1806, British Museum, Eng.) Botanist; librarian; curator; antiquarian; philosopher; physician. Ed. - College of Physicians. Res. - Librarian, College of Physicians before 1773; Secretary Royal Society; British Museum.

GRAY, IRVING E. (May 23, 1897, Providence, R.I. —). Ichthyologist; herpetologist; physiologist. Ed - Mass. Coll.; Wisconsin. Res. - Inst. De Pauw 1921-22; asst. Wisc. 1922-26; asst. prof. Tulane 1926-30; Duke 1930-36; assoc. prof. 1936-42; prof. 1942; chairman dept. 1940-.

GRAY, JOHN EDWARD (Feb. 12, 1800, Walsall, Staffordshire, Eng. — Mar. 7, 1875, London). Naturalist; zoologist; botanist; philatelist. Ed. - Medical Schools of St. Bartholomews and Middlesex hospitals. Res. - Middlesex Hospital; Sloane Street Botanical Garden; British Museum 1824-.

GREEN, HAROLD T. (July 8, 1896, Allentown, Pa. —). Naturalist; zoologist; explorer. Ed. - N. Y. U.; Paris. Res. - Acad. Nat. Sci. 1921-1940.

GREEN, JACOB (July 26, 1790, Phila., Pa. — Feb. 1, 1841, Phila., Pa.) Teacher; chemist; naturalist; botanist; zoologist. Ed. - Pa.; Queen's (Rutgers); Yale. Res. - College of New Jersey 1818; Jefferson Medical College 1822-.

GREEN, N. BAYARD (Nov. 15, 1905, Bloomington, Garrett Co., Md. —). Herpetologist; zoologist; teacher. Ed. - Davis anl Elkins; W. Va. Univ. Res. - Elkins High School 1927-37; Marshall Coll. 1937-46.

GREENHALL, ARTHUR MERVIN (Aug. 6, 1911, New York City —). Herpetologist; mammalogist. Ed. - Michigan; Columbia. Res. - Associate of Dr. R. L. Ditmars 1927-40; Costa Rica 1935; Reptile Exhibits Sportsmen's Shows 1936-38; New York Zool. Park 1939; Teaching 1939-40; Portland Zool. Park, Portland, Ore., dir. 1942; Director, Detroit Zoo, 16918 Manor St., Detroit, Mich., 1948.

GREEVES-CARPENTER, C. F. (April 22, 1897, Great Yarmouth, Eng. —). Free lance writer. Ed. - Beblake College, Coventry, Eng. Res. - N. Y. City (except when traveling in Orient, Central and South America).

GRIFFITHS, EDWARD (1790, Stanwell, Middlesex — Jan. 8, 1858). Naturalist; lawyer; editor; historian. Ed .- St. Paul's School. Res. - Solicitor; Zoological, Linnean, Antiquarian and Royal Societies.

GRIMSHAWE, FLORENCE MOORE (Mrs. C. N. Grimshawe, nee Florence H. Moore) (Mar. 13, 1896, Transylvania Co., N.C. —). Naturalist. Ed. - Sacred Heart College, Belmont, N.C. Res. - Miami, Fla. 1915-; 766 N.W. 13 Ave., Miami, Fla., 1948.

GRINNELL, HILDA WOOD (Mrs. Joseph Grinnell) (May 29, 1883, Tombstone, Ariz. —). Zoologist; mammalogist; ornithologist. Ed. - Throop Poly. Inst. (Now Calif. Inst. Tech.); Univ. Calif. Res. - Pasadena, 1906-08; Berkeley 1908-.

GRINNELL, JOSEPH (Feb. 27, 1877, Old Fort Sill, Oklahoma — May 29, 1939, Berkeley, Calif.) Ornithologist; mammalogist; naturalist; ecologist. Ed. - Throop Inst.; Stanford. Res. - High School, Palo Alto 1901-1903; Throop Inst. 1903-05; Univ. of Calif. Mus. Vert. Zool., Berkeley, Calif. 1908-.

GROBMAN, ARNOLD B. (1941, Gen.) Dept. Biol., Univ. Fla., Gainesville, Fla., 1948.

GROSSE, (1773, Gen.)

GROVES, F. (1941, Md.)

GUERIN-MENEVILLE, FELIX EDOUARD (Oct. 12, 1799, Toulon — Jan. 26, 1874). Naturalist; publisher; entomologist; palaeontologist; malacologist; agriculturist; sericulturist. Ed. - With Cuvier; Geoffroy Saint-Hilaire, Latreille. Res. - Paris; St. Tulle many societies and missions.

GUNDLACH, JOHANNES CHRISTOPHER (July 17, 1810, Marbury (Hesse Nassau) — Mar. 12, 14 or 17, 1896, Havana, Cuba). Mammalogist; ornithologist; naturalist; herpetologist; conchologist; entomologist; malacologist; ichthyologist. Ed. - Marburg; Zool. Mus. Frankfurt-a-M. Res. - Madgeburg Exploration W. I. and S. A. 1838-; Instituto de segunda Ensenanza de la Kabana 1895.

GUNTHER, ALBERT CHARLES LEWIS GOTTHILF (Oct. 3 or 30, 1830, Esslingen

Wurtemburg — Feb. 1, 1914, London). Herpetologist; ichthyologist; minister; physician; systematic zoologist; field naturalist. Ed. - Gymnasium Stuttgart; Tubingen; Berlin; Bonn; Tubingen. Res. - British Museum 1856-95; Zool. Record 1865-9.

GUTHRIE, F. or T.

GUTHRIE, JOSEPH EDWARD (Sept. 24, 1871, York, N.Y. — 1935). Entomologist; herpetologist. Ed. - York, N.Y.; LeRoy Academy, LeRoy, N.Y.; Minnesota. Res. - Iowa State College.

HABER, MRS. JULIA MOESEL (Mrs. Vernon Raymond Haber, nee Julia Moesel) (May 6, 1888, Buffalo, N.Y. —). Botanist; biologist; Ed. - Cornell. Res. - Elmira Coll. 1917-20; Meredith 1920-22; Cornell 1915-17, 1922-24; Penn State 1924-.

HADSALL, LEO FRANKLIN (June 18, 1903, South Eaton, Pa. —). Science teacher; herpetologist; vertebrate zoologist; mammalogist. Ed. - Bucknell; Cornell. Res. - Public schools Pa. & N.J. 1921-30; assoc. prof. later prof. Fresno State College 1932-.

HAHN, WALTER LOUIS (May 20, 1879, Bascom, Ind. — May 31, 1911, St. Paul Id., Bering Sea). Zoologist; mammalogist; ecologist; naturalist. Ed. - Indiana. Res. U.S. Nat. Mus. 1903-06; State Normal School, Springfield, S.D. 1908-10; Alaska Seal Fisheries U.S. Bureau Fisheries 1910-.

HAINES, T. P. (Aug. 25, 1909, Mt. Holly, N.J. —). Zoologist; herpetologist. Ed. - Rutgers; Michigan. Res. - Ann Arbor; Grad. Asst. 1931-35; Teaching fellow 1935-39; Mercer U., Macon, Ga.

HALDEMAN, SAMUEL STEMAN (Aug. 12, 1812, Locust Grove, Lancaster Co., Pa. — Sept. 10, 1880, Chickies, Pa.) Naturalist; philologist; conchologist; anthropologist. Ed. - Keogy's School, Harrisburg, Pa.; Dickinson; Pennsylvania. Res. - Sawmill, Blast furnace and pig-iron businesses; State Geological Survey N. J. 1836; Pa. Geological Survey 1837-42; Franklin Institute 1842-43; University of Pennsylvania 1851-55; Penn. Agricultural College and Delaware College 1853-58; Columbia, Pa., 1866; University of Pennsylvania 1868-1880.

HALL, E. RAYMOND (May 11, 1902, Imes, Kansas —). Vertebrate zoologist; mammalogist; ornithologist; palaeontologist. Ed. - Kansas; California. Res. - Kansas 1921-22; California 1922-1942; Kansas 1942-.

HALL, HARVEY MONROE (March 29, 1874, Lee Co., Illinois —). Botanist. Ed. - California. Res. - University of California 1901-; Carnegie Institute 1919-; Berkeley, California.

HALL, CAPT. (1727, S.C.)

HALLINAN, THOMAS (Oct. 8, 1882, Erie, Pa. —). Ornithologist; herpetologist; entomologist; engineer; naturalist. Ed. - Res. - Erie, Pa.; engineering work in Chile, Colombia, Panama, Japan, Formosa and U.S.A.; U.S. Navy Spanish American War & World War; 212 Madison Ave., 293 - 19th Ave., then 293 Nineteenth Ave., Patterson, N.J., 1940.

HALLOWELL, EDWARD ( ). Herpetologist; mammalogist. (1852, Gen.)

HALTER, CLARENCE ROBERT (January 16, 1892 —). Physiologist; comparative anatomist. Ed. - Columbia; New York University. Res. - Am. Mus. Nat. Hist. 1914-17; N.Y. Univ. 1920-22, 1927-; Memorial Hospital, 444 E. 68th Street, New York City 1944.

HALTON, WILLIAM L. (1931, Ala.)

HAM, L. S. (1861, Ind.)

HAMILTON, WILLIAM JOHN Jr. (Dec. 11, 1902, Corona, N.Y. —). Mammalogist; ecologist; herpetologist; population specialist. Ed. - Cornell. Res. - Cornell, inst. 1926-30, assoc. prof. 1941-.

HANAU, A. (1898, Gen.)

HANKINSON, THOMAS LEROY (April 12, 1876, Valparaiso, Indiana — Dec. 3, 1935, Ypsilanti, Mich.) Ichthyologist; ecologist; ornithologist; aquatic biologist. Ed. - Michigan Agri. College; Cornell. Res. - East Ills State Normal 1902-19; Syracuse University 1919-21; Michigan State Normal College, Ypsilanti 1921-35.

HANLEY, GEORGE H. (1942, Calif.) Res. - 2201 B St. Bakersfield, Calif.; later 2117 E. St., Bakersfield, 1948.

HANSON, GEORGE H. (1942, Calif.)

HARDY, GEORGE AUSTEN (Aug. 15, 1888, Eng. —). Ed. - Informal. Res. - Essex Mus., London, Eng. 1920-22; Provincial Mus., Victoria, B.C. 1928-28, Victoria 1940.

HARDY, ROSS (April 4, 1908, Cleveland, Emery Co., Utah —). Naturalist; herpetologist; teacher. Ed. - Utah; Michigan. Res. - Carbon County School District of Utah 1933-38; Dixie Junior College, Saint George 1938-; Weber Coll., Ogden, Utah, 1947-.

HARGREAVE, M. W. (1928, N.J.)

HARLAN, RICHARD (Sept. 19, 1796, Philaedelphia, Pa. — Sept. 30, 1843, New Orleans, La.) Comparative anatomist; naturalist; physician; vertebrate palaeontologist. Ed. - Pennsylvania. Res. - Philadelphia; Philadelphia Museum; Louisiana State Medical Society, New Orleans, Louisiana.

HARPER, FRANCIS (Nov. 17, 1886, Southbridge, Mass. —). Vertebrate zoologist; naturalist. Ed. - Cornell. Res. - U.S. Biological Survey 1910-17; 1919-21; Cornell 1921-25; Boston Society Natural History 1925-29; Biological Abstracts 1929-35; Research Associate American Com. Int. Wild-life protection 1936-39; John Bartram Asn. 1939-.

HARRISON, MARJORIE BROWN (1935, Gen.)

HARRISON, W. T. (1928, Gen.)

HART, JOHN LAWSON (May 8, 1904, Toronto, Ontario —). Biologist. Ed. - University of Toronto Schools, University of Toronto. Res. - Ontario Fisheries Research Lab.; Univ. of Toronto; University of Alberta, Edmonton, Alberta; Pacific Biological Station, Biological Board, Canada, Nanaimo, B.C., 1929-.

HARTMAN, FRANK ALEXANDER (Dec. 4, 1883, Gibbon, Nebraska —). Physiologist. Ed. - Kansas; Washington (Seattle). Res. - High Schools Ill., Kansas, Washington 1906-14; Harvard Medical School 1914-15; Toronto 1915-18; Buffalo 1918-34, Ohio State 1934-.

HARTWEG, NORMAN EDOUARD (Aug. 20, 1904, Warren, Pa. —). Herpetologist; ecologist; zoogeographer. Ed. - Michigan. Res. - University of Michigan 1927-, asst. curator 1934-, inst. Zool. 1939-.

HARVEY, F. LeROY (1879) Botanist; geologist; chemist; naturalist. Ed. - Res. - Prof. Nat. Hist. & Chem. 1878, 1879. (sometimes appearing as Howey).

HASSLER, FERDINAND AUGUSTUS (March 6, 1844, Norfolk, Va. —). Doctor; author; botanist; conchologist. Ed. - Pennsylvania. Res. - Page U.S. Senate 1856-62; West Philadelphia Medical Institute 1872; Lincoln University, Pennsylvania 1873; Washington; Santa Ana, California.

HASSLER, WILLIAM G. (Sept. 1. 1906, N.Y.C. —). Herpetologist; naturalist; collector, lecturer. Ed. - High School and informal. Res. - Dept. Herpetology and Exp. Biol., Am. Mus. Nat. Hist. Jan. 1924-June 1937; lecturer 1937-; Dir. Nashville's Children Mus., 724 Second Ave., S. Nashville 10, Tenn., 1948.

HATT, ROBERT TORRENS (July 17, 1902, Lafayette, Indiana —). Mammalogist; ecologist. Ed. - Michigan; Columbia. Res. - N.Y. University 1923-28; asst. mammals Am. Mus. Nat. Hist. 1928-35; Cranbrook Institute of Science, Bloomfield Hills, Michigan, director 1935-.

HAUPT, HERMAN, Jr. (—). Geologist; botanist; archaeologist; physician; engineer.

HAWKINS, A. S. (1941, Wisc.) 424 Univ. Farm Place, Madison 5, Wisc., 1947.

HAY, OLIVER PERRY (May 22, 1846, Saludo Township, Jefferson Co., Indiana — November 30, 1930, Washington, D.C.) Naturalist; palaeontologist; physician; herpetologist; ichthyologist; bibliographer. Ed. - Eureka; Yale; Indiana. Res. - Eureka 1870-73, Neelyville, Illinois; Ghent, Kentucky; Oskaloosa, Iowa; Abingdon College; Butler University (Indiana); Field Columbian Museum; American Museum Natural History.

HAY, WILLIAM PERRY (Dec. 8, 1871, Eureka, Ill. — Jan. 26, 1947, Bradentown, Fla.) Invertebrate zoologist; herpetologist; educator. Ed. - Butler. Res - Irvington, Indiana 1791; Howard University 1900-08; Central High School, Washington, D.C. 1908-; Kensington, Maryland. Retired 1934-.

HAYDEN, FERDINAND VANDEVEER (Sept. 7, 1829, Westfield, Mass. — Dec. 22, 1887, Philadelphia, Pa.) Geologist; explorer; naturalist; surgeon. Ed. - Oberlin College; Albany Medical College. Res. - Rochester, New York 1853-1855; to Badlands U.S. Top. Engineers 1856-59; Yellowstone and Missouri River Expedition 1859-62; Civil War 1862-65; University of Pa. 1865-72; U.S. Geological Survey 1867-86. Philadelphia.

HAYWOOD, CHARLES (1929, Md.)

HECHT, MAX (Feb. 15, 1928, N.Y.C. —). Herpetologist. Ed. - Cornell. Res. 178 Amboy St., Brooklyn, N.Y.; Ithaca, N.Y.

HEERMAN, ADOLPHUS L. (1818 — 1861, San Antonio, Texas). Ornithologist; physician; surgeon. Ed. - Medicine at Baltimore. Res. - Rockies; Florida 1484; Calif. 1849-52; Phila. 1853; Pacific R. R. Survey 1853-54; Phila.; Texas 1863-65.

HEIGHWAY, H. E. (1878, Ohio)

HEILPRIN, ANGELO (March 31, 1853, Satoralja-Ujhely, Hungary — July 17, 1907, New York City). Geologist; geographer; explorer; naturalist; artist. Ed. - London; Geneva; Florence; Vienna. Res. - Wagner Free Inst. of Science 1855-90; Yale;

Academy Natural Sciences Phila. 1830-1900; Mt. Pelee Exped. 1902.

HEINZE, A. A. (1934)

HEISER, JOHN M., Jr. (May 19, 1897, Houston, Tex. —). Nature writer and organizer. Ed. - High School. Res. - Outdoor Nature Club, Houston; Chairman Cons. Com. of Tex. Nat. Federation.

HENDERSON, JOHN GREENE (1837). Judge; anthropologist; herpetologist. (1872, Gen.)

HENNING, WILLARD L. (Dec. 19, 1864, Keokuk Co., Iowa —). Naturalist; dairyman; entomologist; botanist. Ed. - Miami Univ. (O.); Missouri. Res. - Camden, O. 1937-38; Glendale, O. 1938-40; Route 2, Canton, O., 1948.

HENSHAW, HENRY WETHERBEE (March 3, 1850, Cambridge, Mass. — Aug. 1, 1930, Washington, D.C.) Naturalist; ornithologist; ethnologist; editor. Ed. - Cambridge Public School; Harvard. Res. - Wheeler Survey 1872-1879; U.S. Bureau Ethnology 1879-93; Trip to Hawaii 1894-1904; U.S. Biol. Survey 1905-16; Washington, D.C.

HENSHAW, SAMUEL (— 1941). Entomologist; librarian. Ed. - Harvard. Res. Museum of Comparative Zoology. Cambridge, Mass. 1904-.

HERMANN, JEAN (1738, Barr Alsace — 1800). Physician; naturalist; botanist; zoologist. Ed. - Strasbourg. Res. - Strasbourg 1763-94; L'Ecole centrale de Bac-Rhin 1796; Jardin de botanique, Strasbourg.

HERNANDEZ, FRANCESCA (1517, Toledo, Spain — 1587). Naturalist; physician. Res. - Wrote on Plants and Animals of New Spain.

HERRARA, ALFONSO LUIS (July 13, 1868 —). Biologist; naturalist; pharmacist; entomologist; botanist. Ed. - Nat. Prep. School; Nat. School of Medicine. Res. - Ag. Parasit. Com. 1906; Professor Normal School for Women; Nat. Prep. School; Military School; Bur. Biological studies; Museum Nacional Natural History; Zoological Park and Botanical Gardens, Mexico City; 2a Cipres 64 Mexico City, D. F.

HERSEY, L. J. (1907, Colo.)

HEWITT, JOHN

HEYDEN, KARL HEINRICH GEORGES von (Jan. 20, 1793, Frankfurt-a-Main — Jan. 7, 1866, Frankfurt). Entomologist; herpetologist; palaeontologist. Ed. - Heidelburg. Res. - From 1815 onward various public offices.

HIBBARD, CLAUDE WILLIAM (March 21, 1905, Toronto, Kansas —). Mammalogist; palaeontologist; wild life technician. Ed. - Kansas; Michigan. Res. - Nat. Park Service Mammoth Cave, Ky. 1934-35; Mus. Vert. Palaeontology, Kansas 1936-, curator vert. palaeont. 1941-; Mus. Palaeont., Univ. Mich., Ann Arbor, 1948.

HIBBARD, D. H. (1941, Calif.)

HIBBERD, SHIRLEY (1825, St. Dunstan, Stepney, Eng. — Nov. 16, 1890, Hermitage near Muswell Hill, Eng.) Journalist; horticultural writer. Ed. - Informal. Res. - Stepney bookseller; Editor Floral Worll; editor Gardener's Magazine.

HICKMAN, CLEVELAND PENDLETON (Jan. 13, 1895, Bristol, W. Va. —). Zoologist; cytologist; comparative anatomist. Ed. - Salem College; Michigan; Princeton. Res. - High schools 1917-1919; asst. Michigan, 1920-21; inst. W. Va. 1921-22; asst. & fellow Princeton 1922-24; De Pauw Univ. 1924-, prof. 1930, head dept. 1940-.

HIGGINS, S. B. (1873, Gen.)

HIGLEY, WILLIAM KERR (July 31, 1858, Fayetteville, N.Y. —). Microscopist; botanist; pharmacist; herpetologist. Ed. - Michigan. Res. - Ann Arbor 1879-82; Lake Geneva Seminary, Lake Geneva, Wisc. 1884; University of Chicago 1886; Northwestern University 1894-96: Chicago Academy Science 1896-1905.

HILL, E. J. (1880, Gen.)

HILLMAN, H. ( ). Chemist; naturalist; botanist; zoologist. 1916.

HINCKLEY, MARY H. (Apr. 6, 1845, Milton, Mass. — 1944). Naturalist; herpetologist. Ed. - Milton Academy, Milton, Mass. Res. - At 264 Brook Road, Milton, Mass., her birthplace.

HISAW, FREDERICK LEE (Aug. 31, 1891, Newtonia, Mo. —). Vertebrate embryologist; physiologist; mammalogist. Ed. - Missouri; Wisconsin. Res. - Mississippi 1916-17; Kansas State College 1919-24; Wisconsin 1924-35; Harvard University, Cambridge, Mass., 1935-.

HOARD, R. S. (1939, L.C.)

HOFFMAN, CHRISTIAN KARL D. ( ). Comparative anatomist; embryologist; herpetologist. 1879.

HOFFMAN, RICHARD L.

HOFFMAN, WALTER JAMES (May 30, 1846, Weidasville, Lehigh Co., Pa. — Nov. 8, 1899, Reading, Pa.) Ethnologist; physician. Ed. - Private; Jefferson Medical

College. Res. - Reading 1866-70; Franco-Prussian War 1870; U.S.A. 1871-1873 Expedition in West; Reading; College Physicians and Surgeons 1876-77; U.S. Bureau Ethnology; Washington; Reading.

HOFFSTETTER ,R. (1939, Gen.)

HOGG, JOHN EDWIN (1931, Calif.)

HOLBROOK, JOHN EDWARD (Dec. 30, 1794, Beaufort, S.C. — Sept. 8, 1871, Norfolk, Mass.) Herpetologist; ichthyologist; physician; anatomist. Ed. - Brown; Pennsylvania. Res. - Wrentham, Mass.; Charleston, S.C.; Medical College of South Carolina, Charleston, S.C.; Civil War.

HOLDEN, EDWARD SINGLETON (Nov. 5, 1846, St. Louis, Mo. — Mar. 16, 1914, West Point, N.Y.) Astronomer; librarian; engineer. Ed. - Washington (St. Louis); U.S. Military Acad. West Point. Res. - Washburn Observatory; Lick Observatory; U.S. Military Academy, West Point, N.Y.

HOLLISTER, NED (Nov. 26, 1876, Delavan, Wisc. — Nov. 3, 1924, Washington, D.C.) Economic zoologist; ornithologist; mammalogist; curator; zoo superintendent. Ed. - Informal, study with Ludwig Kumlien of Milton College. Res. - U.S. Dept. Agr. 1892-1903; U.S. Biological Survey 1904; U.S. National Museum 1906-16; Washington Zoo 1916-24.

HOLT, ERNEST GOLSAN (Feb. 14, 1889, Barachias, Alabama —). Ornithologist; naturalist; explorer; conservationist. Ed. - Res. - Wild Life Management, Soil Conservation Service U.S. D. A., Washington, D.C. 1933-, chief biol. div. 1939-.

HOLTZINGER-TENEVER, HANS (1919, Gen.)

HOOPES, ISABEL (Nov. 12, 1899, Providence, R.I. —). Herpetologist. Ed. - Radcliffe. Res. - Boston Soc. Nat. Hist. Dept. Herpetology 1928-; R.F.D., Rowley, Mass., 1948.

HOPKINS, B. T. (1924- Fla.)

HOPLEY, CATHERINE COOPER ( ). Herpetologist; entomologist; biographer; traveller. 1875.

HORN, E. E. (1940, Calif.)

HORNADAY, WILLIAM TEMPLE (Dec. 1, 1854, Plainfield, Ind. — March 6, 1937). Collector; taxidermist; museologist; zoo specialist; wild life conservationist. Ed. - Informal, Ward's Nat. Sci. Establishment; trips in U.S.A. and Europe; Honorary degrees - Pittsburgh, Yale, Iowa State. Res. - Collector 1875-79; Chief taxidermist, U.S. Nat. Mus. 1882-90; Dir. N.Y. Zool. Park, 1896-1926; many society memberships.

HORNE, CHARLES ( ). Entomologist; ornithologist; herpetologist. 1869.

HORSFORD, B. ( ). Geologist; ornithologist. (1883, Gen.)

HORTON, B. J. (1903, Gen.)

HOST, NIKOLAUST

HOUGH, FRANKLIN BENJAMIN (July 22, 1822, Martinsburg, Lewis Co., N.Y. — June 11, 1885, Lowville, N.Y.) Forester; physician; historian; botanist. Ed. - Lowville Academy; Black River Inst., Watertown, N.Y.; Union College; Western Reserve Medical College. Res. - New York State Census 1855, 1865; Civil War; U.S. Census 1870; U.S. Forestry movements, Lowville, N.Y.

HOUSSAY, BERNARDO ALBERTO (April 10, 1887, Buenos Aires —). Physician; professor; physiologist. Ed. - Colegio Britanico; Faculties Pharmacy and Medicine, Buenos Aires. Res. - Asst. physiol. 1907-15; prof. physiol. Fac. Agron. & Vet. Sci. Buenos Aires 1910-19; lab. chief Bact. Inst. Nat. Dept. Hygiene 1915-19; Prof. Physiol. Fac. Med. Buenos Aires 1919-; vice dean Fac. Med. 1931; many other positions & societies; home address - Viamonte 2790 Buenos Aires.

HOUTTUYN, MARTINUS (1720 —). Physician; editor; botanist. Ed. - Leyden.

HOWEY, F. LeROY ( ). Botanist; geologist; chemist. (1879, Gen.)

HOY, PHILO ROMAYNE (Nov. 3, 1816, Richland, Ohio — Dec. 8, 1892, Racine, Wisconsin). Physician; entomologist; herpetologist; ornithologist. Ed. - Ohio Medical College, Cincinnati. Res. - New Haven practice 6 years; Racine, Wisc.

HOYLE, WM. LUTHER (1935, Gen.)

HUDSON, GEORGE ELFORD (May 6, 1907, Spartanburg, S.C. —). Ornithologist; herpetologist. Ed. - Clemson; Nebraska. Res. - Inst. Neb. Wesley. 1930-31, Neb. 1931-36; Asst. prof. & cur. State Coll. Wash. 1938-.

HUDSON, ROBERT G. (1947, Gen.)

HUDSON, WILLIAM HENRY (Aug. 4, 1842, 40 mi. S. of Buenos Aires — Aug. 18, 1922, London). Writer; naturalist. Ed. - Informal. Res. - Buenos Aires; England 1869; London to 1922 with trips in England.

HUEY, L. M. (1942, Ariz.)

HUG, E.

HUGHES, EDWARD (Feb. 15, 1863, Brookville, Ind. —). Ed. - De Pauw: Stanford. Res. - Greencastle 1889-90; Palo Alto 1891-92; principal in schools except for 15 years (1912-27); 1230 N. Cent. St., Stockton, Calif.

HUMPHREY, TRYPHENA (May 25, 1902, Bear Lake, Mich. —). Anatomist. Ed. - Mich. State Norm. Coll.; Michigan. Res. - Jun. inst. Anat. Michigan 1923-34; inst. 1934-38; Pittsburgh asst. prof. 1942.

HUMPHREYS, JOHN T. ( ). Zoologist; mineralogist. (1881, N.C.)

HUMPHREYS, ROBERT REGESTER (June 14, 1904, Palo Alto, Calif. —). Ecologist; botanist; taxicologist. Ed. - Minnesota. Res. - Des. Lab. Carnegie Institution 1930-31; Asst. Minn. 1931-33; Southwest For. & Range Exp. Sta., U.S. Forest Service 1933-35; Asst. range examiner, soil conservation service, U.S. D. A. 1935-40; Spokane, Wash. 1942.

HURTER, JULIUS, Sr. (July 9, 1842, Schaffhausen, Switzerland —). Herpetologist; mechanical engineer; ornithologist. Ed. - High school. Res. - Curator, St. Louis Acad. 1900-death.

HUTCHINSON, H. F. (1879, Gen.)

HUTCHINSON, R. H. (Oct. 27, 1886, Malvern, Pa. —). Biologist; chemist; toxicologist; editor. Ed. - Lafayette; Univ. of Pa. Res. - U.S. Bureau Entomology 1913-20; H. K. Mulford & Co. and Sharp & Dohme 1920-.

HYDE, BENJAMIN TALBOTT BABBITT (Nov. 23, 1872, New York City — July (or Jan.) 27, 1933, Santa Fe, N.M.) Naturalist; herpetologist; archaeologist. Ed. - St. Paul's School; Craper Institute; Columbia; Harvard. Res. - B. T. Babbitt Corp. 1906-; patron Am. Mus. Nat. Hist. 1895-; several public roles; Boy Scouts Palisades Interstate Park 1920-.

IKIN, ALFRED (1867, Gen.)

INGER, R. F. (1942) 5529 Kenwood Ave., Chicago, Ill., 1948.

IRWIN, BERNARD JOHN DOWLING (June 24, 1830, Roscommon, Ireland —). Soldier; surgeon; Ed. - Private tutors; University of New York; Castleton (Vt.) Medical College; New York Medical College. Res. - U.S. Army 1856-94; Medical Service, Civil War 1862-65; Columbia; U.S. Military Academy, New York; San Francisco; 575 E. Division St., Chicago, Ill.

IVES, JAMES EDMUND (Sept. 19, 1865, London, Eng. — 1943). Physicist; malacologist; echinoderm specialist; naturalist. Ed. - Clark. Res. - Acad. Nat. Sci., Philadelphia 1887-1893; Drexel Institute 1893-97; Cincinnati 1901-03; Deforest Wireless Telegraph Co. 1903-05, Cincinnati 1905-12; Clark 1912-16, U.S. Public Health 1916-31.

AGRICULTURE AND LIBRARY 1954 MANHATTAN KANSAS SCIENCE

JACKSON, DUDLEY (Aug. 26, 1890, Eddy, Tex. —). Physician; veterinarian; herpetologist; toxicologist. Ed. - Kansas City Coll.; Texas; F.A.C.S. 1936. Res. - San Antonio, Texas.

JACKSON, HARTLEY HARRAD THOMPSON (May 19, 1881, Milton, Wisc. —). Ed. - Milton College; Wisconsin; George Washington. Res. - Carthage (Mo.) Coll. Inst. 1904-05; high schools Wisc. & Ill. 1905-08; asst. Wisconsin 1909-10; U.S. Dept. Agr. Biol. Survey 1910-1940; Fish & Wild Life 1940-.

JACKSON, M. H. (1879, Ky.)

JAMES, EDWIN (Aug. 27, 1797, Weybridge, Addison Co., Vt. — Oct. 28, 1861, Rock Spring, Ia.) Explorer; surgeon; botanist; geologist. Ed. - Middlebury; private study at Albany. Res. - Long Expedition 1820; U.S. Army 1823-33; Burlington, Ia.

JAMES, GEORGE WHARTON (Sept. 27, 1858, Gainsborough, Lincolnshire, England — Nov. 8, 1923, St. Helena, Calif.) Ethnologist; archaeologist; lecturer; desert explorer. Ed. - Informal. Res. - Editor Out-West 1912-14; Pasadena, Calif.; eastern address, Syracuse, N.Y.)

JAMES, JOSEPH FRANCIS (Feb. 8, 1857, Cincinnati, Ohio — Mar. 29, 1897, Hingham, Mass.) Botanist. Ed. - Informal. Res. - Custodian Cincinnati Society Natural History 1881; Miami Univ., Oxford, O. 1886-88; Ag. College Md. 1888; U.S. Geological Survey 1889; U.S. Dept. Agriculture 1891-96; Hingham 1896-.

JAMESON, ROBERT (July 11, 1774, Leith — April 19, 1854). Naturalist; mineralogist; philosopher; physician. Ed. - Leith; Edinburgh; Freiburg. Res. - Leith; Edinburgh; On Continent 1800-04; Edinburgh 1804-.

JAN, GIORGIO (1791, Vienna — May 7, 1866, Milan). Herpetologist; botanist; curator; entomologist. Ed. - Res. - Univ. Parma; Professor Mailand 1846; Mus. Civico di Milano.

JARDINE, WILLIAM (Feb. 23, 1800, Edinburgh — Nov. 21, 1874, Sandown, Isle of Wight). Naturalist; 7th baronet; ornithologist; editor; biographer; sportsman; geologist; botanist. Ed. - Edinburgh. Res. - "Naturalists Library"; Royal Commissioner, Salmon fisheries 1860; Jardine Hall.

JELLISON, WM. LIVINGSTON (Feb. 28, 1906 Columbia Falls, Mont. —). Parasitologist. Ed. - Mont. State; Minnesota. Res. - Rocky Mt. spotted fever lab. U.S. Pub. Health Serv. 1929-35, asst. parasitolog. 1935-41, assoc. parasitolog. 1941-.

JENKINS, GEORGE W. (— Nov. 3, 1913, Wisconsin Dells, Wisc.) Physician. Ed. - Univ. Med. Coll. N.Y.C. 1851. Res. - Kilbourn City, Wisconsin & Wisconsin Dells, 1853-1913; local surgeon Chic. Milw- & St. Paul Railway many years.

JENNISON, GEORGE (Zool. Gardens, Belle Vue, Manchester, Eng. — Oct. 21, 1938, Disley). Mammalogist; bibliographer; historian. Ed. - Manchester Grammar School; Balliol Coll. Oxford. Res. - Belle Vue Zoolog. Gardens, Manchester; trips to European & American Zoos; Barwicke Lodge, Disley, Cheshire.

JEWETT, STANLEY G., Jr. (1939, Ore.) 7736 S.E. 20th Ave., Portland 2, Ore., 1948.

JOHNSON, CHARLES EUGENE (Apr. 24, 1880, Oslo, Norway — June 6, 1936) Comparative anatomist; naturalist; ecologist; ornithologist; mammalogist. Ed. - Minnesota. Res. - Univ. of Minn. 1912-18; Kansas 1919-20; Syracuse 1920-.

JOHNSON, JERRY (1936, Ariz.)

JOHNSON, J. E., Jr. (Sept. 27, 1895, Waco, Texas —). Taxidermist; herpetologist; lumberman. Ed. - Saint Basils Coll.; business college. Res. - Waco 1913; lumbering 1914-May 1921 East Texas and Louisiana (except June 17, 1917-Nov. 28, 1918, U.S. Army); Chicago 1921-22; Dallas 1922; Waco 1293-34 in business (lumber); City of Waco Tax Dept. 1935-; 1524 Pine St., Waco, Texas.

JOHNSON, JUSTINA (1904-05, Gen.)

JOHNSON, MURRY LEATHERS (1939, Wash.) Res. - 4102 N. 38th St., 1946; 3810 N. 35th St., Tacoma, Washington.

JOHNSON, ROSWELL HILL (Oct. 9, 1877, Buffalo, N.Y. —). Zoologist; vertebrate anatomist; geneticist. Ed. - Brown; Harvard; Chicago; Wisconsin; Pittsburgh; California; Columbia. Res. - High School Sioux Falls 1900-01; University of Wisconsin 1901-03; State Normal School, Cheney, Wash. 1903-05; Sta. Exp. Evol. Cold Spring Harbor 1905-08; cons. geol. 1908-1933; prof. Pittsburgh 1916-32; dir. pers. serv. Inst. Family Relations, Los Angeles, 1936..

JOHNSON, STANLEY CURRIE (1908, Gen.)

JOHNSON, WALFORD B. (1908, Gen.)

JOHNSTON, O. H. (1939, W. Va.)

JONES, HUGH (circa 1670 — Sept. 1760, Cecil Co., Md.) Minister; mathematician; historian. Ed. - Oxford. Res. - William and Mary College; Chaplain House of Burgess; London; St. Stephens, King and Queens Co., Virginia; Charles Co., Va.

JONES, JOHN MATTHEW (Oct. 7, 1828, Frontfaith Hall, Montgomery, Wales — Oct. 7, 1888 Halifax, N.S.) Ichthyologist; ornithologist; mammalogist; anthropologist; lepidopterologist; conchologist. Ed. - Middle Temple, London. Res. - New York City 1854; Halifax, N.S. (large private museum 6000-7000 specimens) F. Linn. Soc. London; F.R.S. Can.; C.M. New Orleans Acad. Sci.

JONES, J. PAUL (1928, Tenn.)

JONES, JOSEPH (Sept. 6, 1833, Liberty Co., Ga. — Feb. 17, 1896, New Orleans, La.) Physician; sanitarian; anthropologist; chemist; physiologist; historian. Ed. - Private tutors; South Carolina; Columbia; Princeton; Pennsylvania. Res. - Private practice Savannah, Ga. 1855; Savannah Medical College, 1855-58; Univ. Georgia 1858; Medical College Georgia, Augusta 1859-61; Civil War; Univ. Louisiana, New Orleans, La. 1868; La. Board of Health 1880-84.

JONES, RICHARD WATSON (May 16, 1837, Greensville Co., Va. — Deceased.) Chemist; naturalist; entomologist. Ed. - Randolph-Macon; Virginia. Res. - Randolph-Macon 1866-68; Fem. Coll. Petersburg, Va. 1868-71; Martha Washington 1871-76; Mississippi Indus. Inst. and Col. 1876-88; Mississippi 1888-1911.

JONES-BURDICK, W. HARRY (1939, Colo.) Dept. Biol. Univ. Colorado, Boulder, Colo., 1948.

JONSTONUS, JEANNES (JOHANN) (1603, Sambter, Poland — 1675, Ziebendorf). Physician; polygrapher; naturalist. Ed. - Frankfort; Leipzig; Wittenberg; Magdeburg; Berlin; Hamburg. Res. - Physician Silesia 1632-.

JOPSON, HARRY GORGAS MICHENOR (June 23, 1911, Phila., Pa. —). Biologist; herpetologist. Ed. - Haverford; Cornell. Res. - Inst. biol. Iowa State Teachers 1936; Bridgewater Coll. Bridgewater, Va., 1937-.

JORDAN, DAVID STARR (Jan. 19, 1851, Gainesville, N.Y. — Aug. 19, 1931, Stanford Univ.) Univ. President; vertebrate zoologist; ichthyologist; naturalist; traveler; publicist. Ed. - Cornell; Indiana Medical College; Butler. Res. - Cornell; Lombard; Appleton, Wisc.; Indianapolis; Butler; Indiana; Stanford Univ., California.

JOSSLYN, JOHN (fl. 1675 2nl son of Sir Thomas Josselyn) Surgeon; physician; traveler. Ed. - Res. - Willing—Doe, Essex, England; N. E. 1638, Scarborough, Me.; England 1639; N. E. 1663-1671; England 1671-.

KALM, PETER (March 1715, Ostra, Bothnia, Sweden — Nov. 16, 1779, Abo, Sweden) Traveler; botanist. Ed. - Upsala; Abo. Res. - Russia; N. A. 1748-51; University of Abo, Founder, Jardin botanique d'Abo.

KAUFFELD, CARL P. (April 17, 1911, Philadelphia, Pa. —). Herpetologist. Ed. - Brown Prep. Res. - 2730 Germantown Ave., Philadelphia. Pa.; Am. Mus. Nat. Hist. 1930-36; Staten Island Zool. Soc. 1936-40.

KAUFFMAN, F. E. (1928, Fla.)

KAUP, JOHANN JAKOB (April 10, 1803, Darmstadt — July 4, 1873, Darmstadt). Naturalist; ornithologist; mammalogist; herpetologist; ichthyologist; palaeontologist; curator. Ed. - Darmstadt; Gottingen. Res. - Custodian and professor Darmstadt.

KEEGAN, H. L. (1942, Gen.) 2259 N. Penn Ave., Indianapolis, Ind., 1948.

KEIM, T. D. (1915, Pa., Md.)

KELLER, JOHN G. (Mar. 5, 1910, Ravenna. O. —). Naturalist. Ed. - Kent State Univ. Res. - U.S. For. Service 1933-35; U.S. Soil Cons. Serv. 1935-present; U.S. Indian Service 1940.

KELLERMAN, WILLIAM ASHBROOK (May 1, 1850, Ashville, Ohio —). Botanist; mycologist; biologist; editor. Ed. - Cornell; Zurich. Res. - Wisconsin State Normal School; Kan. State Agricultural College; Ohio State University, Columbus, Ohio. (Article 1893 Ohio by Mrs. W. A. K.)

KELLOGG, (ARTHUR) REMINGTON (Oct. 5, 1892, Davenport, Iowa —). Mammalogist; palaeontologist; herpetologist. Ed. - Kansas; California. Res. - Asst. Mus. Kansas 1913-16; fellow California 1916-19; U.S. Bur. Biol. Surv. 1920-28; U.S. N. Mus. Mammals 1928-, curator 1941; res. assoc. Carnegie Inst. 1921-43.

KELLY, HOWARD ATWOOD (Feb. 20, 1858, Camden, N.J. — Jan. 12, 1943) Surgeon; gynecologist; comparative anatomist; herpetologist. Ed. - Pennsylvania. Res. - University of Pennsylvania, later Johns Hopkins University 1889-1919, later 1412-20 Eutaw Place, Baltimore, Md.

KEMPTON, CHARLES WALTER (Jan. 30, 1847, Fairhaven, Mass. — -. Engineer; metallurgist; chemist; archaeologist; ethnologist. Ed. - Special mining instruction. Res. - Mining operation Eastern States, Canada, Mexico, Arizona, Cuba, South America, Central America; Kempton and McCoy, 23 Broadway, **New York City.**

KENNICOTT, ROBERT (Nov. 13, 1835, New Orleans, La. — -. Naturalist; vertebrate zoologist; explorer; ethnologist. Ed. - Private; Associate J. P. Kirtland, Spencer F. Baird, P. R. Hoy. Res. - Northfield, Illinois; Illinois Central Railroad; Chicago Academy of Sciences; Northwestern Univ. Smithsonian Inst.; Western Union Telegraph Expedition to Alaska.

KERR, ROBERT (1755 (1750) Bughtridge, Roxburghshire — Oct. 11, 1813 (1814) Edinburgh). Surgeon; naturalist. Ed. - Edinburgh High School; Edinburgh. Res. - Surgeon Edinburgh Foundling Hospital; Ayton, Berwickshire, Edinburgh 1810-.

KESSEL, D. (1940, Gen.)

KEZER, JAMES (Oct. 17, 1909, Stillwater, Okla. —). Ecologist, herpetologist; cytologist; chemist; bacteriologist; botanist. Ed. - Iowa; Cornell. Res. - Biol. High School, Summit, N.J. 1930-36; hist. biol. N.J. St. Teachers Coll., Newark, N.J. 1936-1943; Walter Reed Hospital and elsewhere 1943-1945; asst. Cornell 1945.

KIELSON, FREDERICK CHRISTIAN (Feb. 1, 1774, Copenhagen — Jan. 18, 1850, Copenhagen). Naturalist; chirurgist; teacher; popular writer; translator. Ed. - Helsingor. Res. - Copenhagen; Vordingborg.

KILPATRICK, JOSHUA W. ( ). Naturalist; mineralogist; entomologist; ornithologist. (1893, Mo.)

KING, FRANKLIN HIRAM (June 8, 1848, Whiteriver, Walworth Co., Wisc. — Aug. 4, 1911, Madison Wisc.) Agricultural physicist; soil expert nature essayist. Ed. - State Normal School, Whitewater; Cornell. Res. - River Falls State Normal School; U.S. Bureau of Soils; University of Wisconsin, Madison, Wisc.

KING, FRED WILLIS (May 24, 1908, Washington Court House, Ohio —). Zoologist; naturalist; herpetologist; wild life technician. Ed. - Wilmington (Ohio); Arizona; Haverford; Cincinnati. Res. - Nebraska Central Col. 1930-31; Wilmington Coll. 1931-32; Nat. Park Serv. Great Smoky Nat. Park 1934-40; supervisor fish resources State Div. Game & Inland Fisheries, N.C. 1940-.

KINGSLEY, JOHN STERLING (April 7, 1854, Cincinnatus, N.Y. — Aug. 29, 1929, 3 days out from Yokohoma). Zoologist; comparative anatomist; editor; naturalist. Ed. - Brooklyn Polyt. Inst.; Williams; Princeton; Freiburg. Res. - Peabody Acad. Science, Salem, 1875; Acad. Nat. Sci. Phila. 1879; Worcester 1881; Standard Nat. Hist. 1881-85; Editor American Naturalist 1886-96; Indiana 1887-89; Nebraska 1889-91; Tufts 1892-1913; Illinois 1913-21; Journal of Morphology 1910-20; California (Berkeley).

KINNEY, K. (1941, Calif.)
KIRKLAND, W. (1870, Gen.)
KIRN, ALBERT JOSEPH BERNARD Res. - Box 7, Somerset, Texas.
KIRSCH, PHILIP H. (— Sept. 8, 1900, El Paso, Tex.) Ichthyologist; conservationist. (1895, Ind.)
KIRTLAND, JARED POTTER (Nov. 10, 1793, Wallingford, Conn. — Dec. 10, 1877, Rockport (Cleveland) (O.) Physician; horticulturist; conchologist; collector; entomologist; ichthyologist. Ed. - Cheshire and Wallingford Schools, Conn.; Yale Med. School; Univ. of Pa. Res. - Wallingford, Conn.; Poland, Ohio; Ohio legislator; Medical College of Mo., Cincinnati; Western Reserve, Cleveland, O.; Cleveland Acad. of Sciences.
KLAUBER, LAURENCE MONROE (Dec. 21, 1883, San Diego, Calif. —). Electrical engineer; herpetologist. Ed. - Stanford; California. Res. - President San Diego Gas & Electric Co., San Diego, Calif. 1946-; cur. reptiles San Diego Zool. Soc.; Cur. hereptology San Diego Soc. Nat. History; many activities in San Diego; P. O. Box 1831. San Diego 12, California, 1948-.
KLEIN, JACOB THEODOR (Aug. 15, 1685, Koenigsburg, Prussia — Feb. 27, 1759, Dantzig). Naturalist; botanist; ichthyologist; mammalogist; marine biologist; carcinologist. Ed. - Konigsberg. Res. - Trips to Holland, England, Tyrol 1705-11; Danzig 1712; Senate of Danzig.
KLEINSCHMIDT, CARL H. A. (Oct. 12, 1839, Petershagen, Westphalia, Prussia —). Physician. Ed. - Minden, Prussia; Georgetown, D.C.; hospitals Berlin. Res. - U.S. A. 1857-; confederate Army 1863-65; Univ. of Georgetown; private practice.
KLINE, LUTHER BASSETT (1842 —). Physician; naturalist Ed. - Jefferson Med. College, Philadelphia, Pa. Res. - Catawissa, Pa. 1896-1914.
KLINGE, H. (1938. Gen.)
KLOTS, ALEXANDER BARRETT (Dec. 12, 1903, New York City —). Entomologist; herpetologist. Ed. - Cornell. Res. - asst. Cornell 1929-31; asst. Rochester 1931-33; College of City of New York, New York, N.Y.
KNEPP, T. H. (1941, Pa.)
KNOBLOCH, IRVING W. (1940, Chihuahua) Mich. State Coll., East Lansing, Mich., 1948.
KNOTT, JAMES J. (— July 12, 1914, Atlanta, Ga.) Physician; editor. Ed. - Atlanta Medical College 1859. Res. - Surgeon, Confederate Army; editor, Medical & Surgical Reporter, Griffin, Ga. 1871; Nearly half a century a practitioner in Atlanta, Ga., 1904-1941; 70 Walton 1902; Oakland City 1909; Coll. Park Rd. 1912; Knott's Station, Ga. 1914.
KNOWLTON, GEORGE FRANKLIN (July 28, 1901, Farmington, Utah —). Entomologist. Ed. - Utah College; Ohio State. Res. - Utah State Agricultural College, Logan, Utah.
KNOX, C. (1940, Wash.)
KONIG, CLEMENS ( ). Zoogeographer; herpetologist. (1906, Gen.)
KOSTER, WM. JACOB (Mar. 19, 1910 —). Ichthyologist; herpetologist; vertebrate zoologist. Ed. - Cornell. Res. - Asst. Cornell 1934-38; asst. prof. New Mex. 1938-; assoc. prof.
KUHL, HEINRICH (1797, Hanau — 1821, Java). Comparative anatomist; zoologist; ornithologist.
KUNZE, RICHARD ERNEST (Apr. 7, 1838, Altenberg, Saxony — Feb. 7, 1919, Phoenix, Arizona). Physician; medical botanist; cactus grower; toxicologist; naturalist. Ed. - Eclectic Medical College of New York. Res. - Germany to 16; New York; Phoenix, Arizona.
KURTZ, ROBERT ELROY (Feb. 23, 1916, Lawton, Okla. —). Ed. - Univ. Oklahoma. Res. - Grad. Asst. Dept. Zool., Univ. of Michigan 1940-.

LACEPEDE, BERNARD GERMAIN ETIENNE de la VILLE sur ILLION, COMTE de (December 26, 1756, Agen — October 6, 1825, Epinay). Naturalist; ichthyologist; mammalogist. Ed. - Private. Res. - Paris 1777 with Buffon and Daubenton; Cabinet du Roi 1785; Legislative Assembly 1791-; Museum of Natural History 1795; Institute, 1796; President of Senate 1801; Minister of State 1809; Peer of France at the Restoration 1814.
LACERDA, (FILHA) JOAO BAPTISTA de (July 12, 1846, Campos Rio de Janeiro — August 6, 1915, Rio de Janeiro). Ed. - Coll. Pierre Deux; Medical College, Rio. Res. - Jardin Zoologica, Rio de Janeiro 1895; Museu Nacional - Sub. Dir. 1 sect. 1876, 1 sect. 1885; Direcotr Museu Nac. Jan. 7, 1895-Aug. 5, 1915; Dir. Lab. Exp. Physiology, Feb. 17, 1891; Ex. Pres. Nat. Acad. Med. Rio de Janeiro; Hon. Prof. Santiago de Chile Univ.; Corr. Mem. Anthropological Societies Berlin, Paris; Corr. Mem. Geog. Soc. Lisbon; Med. Soc. Argentina; Vice-Pres. Pan Amer. Med.

Congress, Washington 1893; Hon. Pres. Latin-Amer. Congress Buenos Aires, etc.

LACHMAN, HERMANN ( ). Herpetologist. (1890, Gen.)

LACHNER, ERNEST A. (Apr. 3, 1915, New Castle, Pa., —). Ecologist; ichthyologist. Ed. - Slippery Rock, Pa.; Cornell. Res. - asst. Cornell 1941-42; asst. Prof. Penn State 1946-.

LAGEN, KARL FRANK (Nov. 15, 1912, Rochester, N.Y. —). Ichthyologist; ecologist. Ed. - Rochester; Cornell; Michigan. Res. - Asst. Rochester 1934-35; investigator, Michigan 1937-39, inst. Zool. 1939-.

LANGLOIS, THOMAS HUXLEY (Feb. 19, 1898, Detroit, Michigan —). Ed. - Michigan; Ohio State. Res. - State Dept. Cons., Michigan 1925-27; Ohio State Div. Cons. 1927-29, chief fish sect. 1930-; Ohio State 1936-, prof. 1938-.

LANKESTER, EDWIN RAY (May 15, 1847, 22 Old Burlington St., London, England — Aug. 15, 1929, London). Zoologist; comparative anatomist; palaeontologist. Ed. - St. Paul's School, London; Downing Coll., Cambridge; Christ Church, Oxford. Res. - Exeter College, Oxford; Univ. of London; Edinburgh; Oxford; British Museum of Natural History; Dir. Nat. Hist. Depts. British Museum; later Fullerian Prof. Physiology in the Royal Institution; member many scientific societies F.R.S. 1875-; British Museum (Nat. Hist.) Cromwell Road, S.W.; and Athenaeum Club. S.W.

LAMARE-PICQUOT, N. (1785, Bayeux —). Naturalist; herpetologist; traveler; pharmacist. (1832, Gen.)

LAPHAM, INCREASE ALLEN (March 7, 1811, Palmyra, New York — September 14, 1875, Oconomowoc, Wisconsin). Canal builder; agriculturist; botanist; geologist; cartographer; educator; weather observer. Ed. - Grammar school, Lowsville, Ky. Res. - Erie Canal, Lockport, N.Y.; Portsmouth, O.; Milwaukee, Wisconsin 1836-; Wisconsin Geological Survey 1873-75.

LA RIVERS, I. (1942, Nev.) P.O. Box 1493, Reno, Nevada, 1948.

LATHAM, ROY (May 23, 1881, Orient, N.Y. —). Ornithologist; ichthyologist; entomologist; botanist; anthropologist; farmer; naturalist. Ed. - Informal. Res. - Orient, N.Y.

LATREILLE, PIERRE ANDRE (Nov. 29, 1762, Brives (La Correze) — Feb. 6, 1833, Paris). Naturalist; priest; entomologist ;arachnologist; carcinologist. Ed. - College du Cardinal Lemoine, Paris. Res. - Priest 1786, Brives; Paris 1788; Museum d'Histoire Naturelle, Paris 1798; Institut 1814; Legion d'honneur 1821; Vet. School Alfort; succeeds Lemark 1829.

LAUFE, LEONARD E. (1945, Gen.) 1217 Shady Ave., Pittsburgh, Pa., 1948.

LAURENTI, JOSEPH NICOLAS ( ). Physician "de Vienne en Autriche"; herpetologist, "Specimen medicum — reptilium — 1768."

LA VIE, PHILIL A. (1920, N.J.)

LAWSON, JOHN (Scotland — Sept. 1711, near Neuse River). Traveler in Carolinas; author; naturalist; colonizer of New Bern, N.C. Res. - Surveyor-general N.C. 1700-12.

LAZIER, E. L. (1933, Calif.)

LeCONTE, JOHN (Dec. 4, 1818, Liberty Co., Ga. — April 29, 1891, Berkeley, Calif.) Mammalogist; botanist; herpetologist; ornithologist; entomologist; physicist. Ed. - Private school; Franklin (Univ. of Georgia) Coll.; Coll Physicians and Surgeons, New York City. Res. - Physician Savannah; Franklin College 1846-; College Physicians and Surgeons 1855; Univ. South Carolina 1856; Civil War (Confederate); Univ. of California 1869-.

LeCONTE, JOHN EATON (Feb. 22, 1784, Shrewsbury, N.J. — Nov. 21, 1860, Philadelphia, Pa.) Naturalist; topographical engineer; artist; herpetologist; mammalogist; entomologist; conchologist. Ed. - Private; Columbia. Res. - Topographical Engineer U.S. Army 1818-31; N.Y. Lyceum Natural History; Academy Natural Sciences, Philadelphia, Pa.

LeCONTE, JOSEPH (February 26, 1823, Woodsmanton plantation, Liberty County, Georgia — July 6, 1901, Camp Curry, Yosemite Valley). Physician; naturalist; geologist; general biologist. Ed. - Franklin College; College Physicians and Surgeons; Harvard. Res. - Macon, Georgia; Cambridge, Mass.; Oglethorpe University 1851; University of Georgia 1852-56; University of South Carolina 1857-61; Civil War; University of California 1869-96.

LEIGHTON, GERALD (Dec. 12, 1868, Bispham, Lancashire — Edinburgh). Zoologist; pathologist. Ed. - Nelson College; N.Z.; Manchester Grammar School; Edinburgh. Res. - N.Z.; Manchester; Edinburgh; Herefordshire 1912; Royal Veterinary College, Edinburgh; Editor Field Naturalists Quarterly.

LENTZ, MOODY JOSEPH RUTHERFORD (Dec. 19, 1901, Piggott, Ark. —). Herpetologist; mammalogist; curator. Ed. - Hendrix Coll., Ark. Res. - Asst. Curator reptiles; now curator reptiles and supt. mammals, St. Louis Zool. Gardens.

LENZ, HAROLD OTHMAR (Feb. 27, 1798, Schnepsenthal — June 13, 1870, Schnepsenthal). Herpetologist; naturalist; classicist. Ed. - Gymnasium Weimar; Gottingen; Leipzig. Res. - Gymnasium Thorn; Gymnasium Mananwerder; then Schnepsenthal.

LEONARD, ARTHUR BYRON (Apr. 11, 1904, Manhattan, Kan. —). Parasitologist. Ed. - Cent. Teachers' Col. Okla.; Kansas. Res. - asst. inst. Kan. 1931-36, asst. prof. 1939-.

LeRAY, WILLIAM JACOB (July 12, 1889, Toronto. Can. —). Herpetologist; curator; teacher; cultural specialist. Ed. - Informal. Res. - Dept. Zool.. Univ. Toronto 1925-.

LESSON, RENE PRIMEVERE (March 20, 1794, Rochefort — April 28, 1849, Rochefort). Naturalist; ornithologist; pharmacist; marine. Ed. - College de Rochefort. Res. - "Coquille" 1822-25; Legion d'honneur 1847; Academie des Sciences 1833.

LESSONA, MICHEL (1823-1894) (1872-74, Gen.)

LeSUEUR, CHARLES ALEXANDRE (Jan. 1, 1778, Le Havre, France — Dec. 12, 1846, Le Havre, France). Collector; explorer; artist; naturalist; ichthyologist; conchologist. Ed. - Roy. Military School, Beaumont-en-Auge, France; "Geographie" to Australia; Mus. Natural History, Paris; travels in Northeastern U. S. A.; New Harmony, Indiana; travels in Mississippi Valley; Paris; Le Havre, Fr.

LETT, WILLIAM PITTMAN (1819, Wexford Co., Ireland — August 15, 1892, Ottawa). Journalist; poet. Ed. - Res. - City Clerk, Ottawa 1855-92.

LEUCKART, FRIEDRICH SIGISMUND (Aug. 26, 1794, Helmstadt — Aug. 25, 1843, Fribourg-en-Busgan). Anatomist; vertebrate and invertebrate zoologist; helminthologist. Ed. - Gottingen. Res. - Several voyages; University Heidelburg 1823; Univ. Freiburg 1832.

LEUNIS, JOHANNES (June 2, 1802, Hildesheim — April 30, 1873, Hildesheim). Entomologist; naturalist; zoologist; botanist; teacher; vicar. Res. - "Synopsis der drei Naturreiche 1844"; Hanover 1844; Prof. Naturgesch. Gymnas., Hildesheim.

LEWIS, ELIAS, Jr. (Dec. 20, 1820, Westbury, L.I., N.Y. — Feb. 4, 1894 Brooklyn N.Y.) Curator; weaver; naturalist; historian. Res. - Brooklyn, N.Y.; Valentine, Bergen & Co., Brooklyn, N.Y. 25 years-; Curator, L.I. Historical Soc. Museum.

LEWIS, T. H. (1942, Wash.)

van LIDTH de JEUDE, THEODORUS WILLEM (July 8, 1788, Tiel — Dec. 23, 1863, Utrecht). Herpetologist; anatomist; physiologist; botanist; ichthyologist.

LILLY, M. S. (1937, Gen.)

LINDSAY, ROBERT V. (1931, Ont.)

LINNAEUS, CARL (May 23, 1707, Reashult, Smaland, Sweden — Jan. 10, 1788, Upsala). Botanist; physician. Ed. - Upsala, Leyden. Res. - Trip to Lapland 1732; Trips to Holland, England, France 1735-1738; physician in Stockholm; professor Upsala 1741-1778.

LINSDALE, JEAN MYRON (May 20, 1902, Wellsville, Kansas —). Vertebrate zoologist; naturalist. Ed. - Kansas; California. Res. - Museum of Vertebrate Zoology; University of Calif., Berkeley, Calif. 1925-28; research assoc. Calif. 1928-; Jamesburg Route, Monterey, 1948.

LINSLEY, JAMES HARVEY (May 5, 1787, North Branford or Northford, Conn. — Dec. 26, 1843, Stratford, Conn.) Naturalist; minister; vertebrate zoologist; conchologist. Ed. - Yale. Res. - In south 1809; Cheshire; Canaan, Conn. 1817-20; Private school Stratford 1831-36; minister Meridian, Milford, Bridgeport, Stratford; travel in Florida; Stratford.

LIPPINCOTT, JOSEPH WHARTON (Feb. 28, 1887, Phila., Pa. —). author; publisher. Ed. - Pennsylvania. Res. - With J. B. Lippincott Co. since 1908, pres. 1926; Frederick A. Stokes Co., 1915-, president 1926.

LITTLE, ELBERT LUTHER, Jr. (Oct. 15, 1907, Ft. Smith, Ark. —). Botanist; ecologist. Ed. - Oklahoma; Chicago. Res. - U.S. Forest Service, Flagstaff, Ariz.; Southwestern State Teachers Coll., Weatherford, Okla. 1930-33; Asst. for ecologist 1934-39, assoc. for ecol., Southwest For. & Range Expt. Sta. U.S. Forest Service 1939-; assoc. for ecologist 1939-1946; dendrologist U.S. For. Service 1947.

LITTLE, ROWLAND ( ). Herpetologist; naturalist. (1916, Calif.)

LLEWELLYN, L. M. (1940, W.Va.) Patuxent Research Refuge, Bowie, Md., 1947.

LOBINGER, C. C. (1880)

LOCKINGTON, WILLIAM NEALE (1842 — 1902). Ichthyologist; herpetologist; botanist; marine zoologist; writer. (1880).

LOCKLEY, R. M. (1935)

LOCKWOOD, SAMUEL (Jan. 20, 1819, Mansfield, Nottinghamshire, England — Jan. 9, 1894, Freehold, N.J.) Clergyman; naturalist; oyster specialist; botanist; palaeontologist. Ed. - Univ. City of New York; New Brunswick Theological Seminary. Res. - Cortland and Gilboa, N.Y.; Keyport, N.J. 1865-; Supt. Public

Inst., Monmouth Co., N.J.

LODING, HENRY PEDER (Sept. 11, 1869, Kolding, Denmark — February 26, 1942) Coleopterist; horticulturist; entomologist; herpetologist; forester. Ed. - Kolding High School; post grad. in entomology; Univ. of Alabama. Res. - Horticulture 3 yrs. in Denmark, 1 yr. in Germany, 2 yrs. in England, 2 yrs. in Nicaragua banana plantations; floral garden, Mobile 1894-; Hon. curator ent. herpet. Ala. Mus. Nat. Hist.

LOENBERG, (AXEL JOHAN) EINAR (Dec. 24, 1865, Stockholm, Sweden —). Herpetologist; ichthyologist; helminthologist; traveler. Ed. - Upsala. Res. - Lect. zool. Upsala 1891; Prof. Stockholm 1904; F.M.Z.S.; Swedish Academy Science; Trips to Florida 1892-93; Caspian Sea 1899; British East Africa 1910-11; Royal Natural History Museum, Stockholm.

LOGIER, EUGENE BERNARD SHELLEY (Feb. 27, 1893, Dublin, Ireland —). Herpetologist; artist; ichthyologist. Ed. - Informal. Res. - Ont. Museum of Zoology, Toronto, Canada 1915-.

LORD, JOHN KEAST (1818, Cornwall — Dec. 9, 1872, Brighton, England). Naturalist; author; veterinary surgeon. Ed. - Royal Veterinary College. Res. - Tavistak; Minnesota and Hudson's Bay; Royal Artillery Crimean War 1855-56; British Columbia Brit. North America Boundary Commission 1858; in Egypt; Brighton Aquarium, England 1872-.

LOVERIDGE, ARTHUR (May 28, 1891, Penarth, South Wales —). Herpetologist. Ed. - Univ. of South Wales. Res. - asst. bot. mus. Manchester 1911; dept. zool. nat. Mus. Wales 1911-1914; cur. Nat. Hist. Mus. Nairobi, Kenya Col. 1914-20; asst. game warden Tanganyika 1921-23; Curator Reptiles Mus. Comp. Zoology, Harvard Univ., Cambridge, Mass. 1924-, curator 1935-.

LOWE, CHAS. H., Jr. (1941, Calif.) Res. - Mus. Vert. Zool. Berkeley; 911 N. Sierra Bonita Ave., Los Angeles, 1948.

LOWE, RACHAEL LOWELL (wife of Col. Frank E. Lowe, Commander American Legion, Me. 1938). (1883, Worcester, Mass. —). Bryologist; herpetologist. Ed. - Michigan. Res. - Treas. Portland Soc. Nat. Hist. 1934-.

LUCAS, FREDERICK AUGUSTUS (March 25, 1852, Plymouth, Mass. — Feb. 9, 1929, New York City). Curator; anatomist; palaeontologist. Ed. - Common Schools. Res. - Wards Natural Science Establishment, Rochester, N.Y.; U.S. Nat. Mus.; Brooklyn Institute Museum; American Museum Natural History, N.Y.C.

LUDWIG, MARIA (1943, Gen.)

LUETH, F. X. (1939, Ill.) 104-A 5th St., Blakely Id., Mobile, Ala. 1948.

LYDDEKKER, RICHARD (July 25, 1849, London — April 16, 1915, Harpenden). Palaeontologist; zoogeographer; mammalogist; writer. Ed. - Trinity College, Cambridge, England. Res. - Geology Survey of India 1874-82; British Museum; Royal Society Expedition to South America 1893-94.

LYNN, WILLIAM GARDNER (Dec. 26, 1905, Washington, D.C. —). Herpetologist; zoologist; anatomist; palaeontologist; endocrinologist. Ed. - Johns Hopkins Univ. 1940; Cath. Univ. Washington, D.C.

MABEE, WILLIAM BRUCE (Jan. 1, 1897, Glsagow, Mont. —). Entomologist; range examiner. Ed. - Montana State College. Res. - N.C. State College 1920-26; Montana State College 1926-30; Pennsylvania State College 1930-31; rancher Montana 1931-36; U.S. Dept. Agri., 1936-; Box 816, Elko, Nev., 1944.

MACAULEY, JAMES (1829, N.Y.)

MacCOY, CLINTON VILES (Mar. 27, 1905, Brookline, Mass. —). Vertebrate zoologist. Ed. - Harvard. Res. - Boston Society of Natural History, 234 Berkeley St., Boston, Mass.; N.H. Dept. Fish & Game 1939; Mass. State Coll. 1939; asst. prof. Mass. St. College 1939-.

MACKAY, ALEXANDER HOWARD (May 19, 1848, Mount Dalhousie, N.S. —). Educator; ornithologist; entomologist; botanist. Ed. - Pictou Academy; Normal College; Dalhousie; Halifax; St. Francis Xavier. Res. - Pictou Academy 1873-89; Halifax Academy 1889-1891; Superintendent Education N.S. 1891-1926; Governor, Dalhousie; Dartmouth; Halifax Co.

MAIER, EUGENE (Nov. 26, 1896, Stuttgart, Germany —). Chemist; bacteriologist. Ed. - Tubingen; Marburg; Erlangen. Res. - Rockefeller Inst. 1927-30; Bellevue Hosp. 1930-33; Merck Inst., Rahway 1933-35; dir. labs: Fla. Med. Center Venice, Fla. 1937-.

MALLICK, CAPT. S. M. K. (1935, Gen.)

MALNATE, E. (1939, Gen.) 5939 Trinity St., Phila., Pa., 1948.

MANN, FRANK CHARLES (Sept. 11, 1887, Decatur, Indiana —). Surgeon; physiologist. Ed. - Indiana; Georgetown. Res. - Mayo Foundation 1917-; Prof. expt. medicine Rochester, Minn.; grad. school Univ. Minn.

MANN, IDA (1893, London —). Ophthalmic surgeon; pathologist; anatomist. Ed. - Univ. of London. Res. - Surgeon Royal London Ophthalmic Hospital; Ophthalmic Surgeon Royal Free Hospital.

MANSUETI, ROMEO (1941, Md.) Res. - 1019 Hillman St., Baltimore 2, Md.

MANVILLE, RICHARD H. (Nov. 20, 1910, Tuxedo Park, Orange Co., N.Y. —). Zoologsit. Ed. - Dartmouth; California; Michigan. Res. - Bear Mt. 1936-37; Acadia Nat. Park, Me. 1937-39; Huron Mt. Club, Marquette Co., Mich. wildlife investigator 1939-; Dept. Zool. Mich. State Coll., Lansing, Mich. 1948.

MARKOWITZ, JACOB (Sept. 17, 1901, Bucharest, Roumania —). Physiologist. Ed. - Toronto; Minnesota. Res. - Medical School Georgetown 1930-32; Univ. of Toronto, Toronto, Canada 1932-.

MARR, J. C. (1944, Gen.) U.S. Fish & Wild Life Serv., 450-B Jordan Hall, Stanford, 1948.

MARSHALL, BYRON C. (June 29, 1896, Franklin, Indiana —). Naturalist; taxidermist; herpetologist. Ed. - Informal; high school. Res. - Saginaw, Mich.; Sault St. Marie, Mich.; Ogdenville, Ky.; Richmond, Ky.; Arthur, Ill.; Imboden, Lawrence Co., Ark. 1915-.

MARTIN, DANIEL STROBEL (Jan. 30, 1842, New York — 1925). Educator; geologist; mineralogist. Ed. - N.Y. Univ.; Union Theol. Sem. Res. - Rutgers Female College, N.Y.C.; College for Women, Columbia, S.C.; Chicora Col., Greenville, S.C. 1908-; Charleston Museum 1911; 756 Quincy St., Brooklyn, N.Y.

MARTIN, P. J. (1930, Wash.)

MARVIN, HORACE NEWELL (Apr. 20, 1915, Camden, Del. —). Anatomist; endocrinologist. Ed. - Morningside; Wisc. Res. - Asst. Wisc. 1936-41; Genetics Carn. Inst. 1941-42; inst. Med. school Arkansas 1941-.

MASLIN, T. PAUL Res. - Dept. Biol. U. Colo., Boulder, Colo., 1948.

MASTERSON, J. R. (1938, Gen.)

MATLICK, S. M. K.

MATTERN, E. S. (1917, Pa.)

MATTERN, W. I. (1917, Pa.)

MATTHEY, R. (1930, Gen.)

MATTHES, B.

MAYER, ALFRED GOLDSBOROUGH (April 16, 1868, Frederick, Md. — June 24, 1922, Tortugas, Fla.) Invertebrate zoologist; oceanographer; explorer; entomologist. Ed. - Stevens Inst. Tech.; Clark; Harvard. Res. - Mus. Comparative Zool. Brooklyn Inst. Mus. 1900-1904; Tortugas Lab., Carnegie Institution, 1904-1922.

MAYNARD, HENRY W. (1909, Calif.)

MAYR, ERNEST (July 5, 1904, Kempton, Germany —). Ornithologist; systematist; zoogeographer. Res. - Asst. cur. Berlin Zool. Mus. 1926-1932; assoc. cur. Am. Mus. Nat. Hist. 1932-.

McATEE, WALDO LEE (Jan. 21, 1883, Jalapa, Indiana —). Ornithologist; entomologist; conservationist; food habits specialist. Ed. - Indiana. Res. - Curator Mus. Indiana 1901-04; U.S. Biological Survey, Washington, D.C. 1904-1940; Fish & Wild Life service, U.S. Dept. Int. 1940-; editor Journal Wild Life Management 1937-.

McCALLION, J. (1944, Tex.) Res. - 38 Moody Pl., Staten Island, N. Y.

McCALLUM, GEORGE ALEXANDER (Aug. 23, 1843, Toronto — Oct. 3, 1936, Baltimore, Md.) Physician; surgeon; ornithologist; archaeologist; parasitologist. Ed. - Stouffville, Toronto and Victoria Univ. Res. - Toronto; Baltimore; N.Y.C. and Am. Mus. Nat. Hist.; donated collections to U.S. Nat. Mus.

McCAULEY, ROBERT H., Jr. ( ). Herpetologist; entomologist. Ed. - Washington and Lee; Cornell. Res. - Goddard 1940-42; biologist St. Fish & Game Serv., Utah 1942-; U.S. Bur. Pub. Health, 1944-; 218 Commonwealth Ave., Port Wentworth, Ga., 1945; 314 Kinzie Ave., Savannah, Ga., 1948.

McCLELLAN, W. H. (1941, Md.)

McCONNELL, WILBUR ROSS (1881, Whileburg, Pa. — June 23, 1920, Carlisle, Pa.) Zoologist; entomologist. Ed. - Penn State. Res. - Pa. State Division Zool.; Penn State 1907-12; U.S. Bureau of Entomology 1912-20.

McGURN, B. (1941, Gen.)

McINTOSH, J. E. (1934)

McKEE, EDWIN DINWIDDIE (1906, Washington, D.C. —). Geologist; naturalist. Ed. - Cornell; California; Arizona; Yale; Calif. Tech. Res. - Grand Canyon National Park, National Park Service, Grand Canyon, Arizona 1929-40; asst. dir. Mus. North Ariz. 1941; Asst. prof. geol. Arizona 1942-.

McLAIN, ROBERT BAIRD (Aug. 16, 1877, Wheeling, W.Va. — 1947). Naturalist; business agent; merchant; bank director. Ed. - Stiles Univ. Prep School, Ithaca, N.Y.; Leland Stanford. Res. - Wheeling, W.Va. 1898-1916; Hollywood, Calif. 1916-.

McLEES, FRANK (1928, Gen.)

MEADE, GEORGE PETERKIN (Dec. 26, 1883, Cumberland, Md. —). Chemical engineer. Ed. - New York Univ. Res. - Nat. Sugar Refinery 1906-09; Col. Sugar Refinery 1906-09; Cuban American Sugar Co. 1913-23; Colonial Sugar Co., Gramercy, La. 1913-23; gen. supt. Colonial Sugar Co., 1923-28, manager 1928.

MEARNS, EDGAR ALEXANDER (Sept. 11, 1856, Highland Falls, N.Y. — Nov. 1, 1916, Washington, D.C.) Surgeon; vertebrate zoologist; conchologist; botanist; explorer; collector. Ed. - Donald Highland Institute, Highland Falls, N.Y.; Columbia; N.Y. Post Grad and Poychic. Res. - American Museum Natural Hist. 1882; U.S. War Dept., Washington 1883-1909; Smithsonian African Expedition, Washington, D.C. 1909-.

MEARS, M. F. (1938, Ky.)

MECHAM, FRANK B. (1946, N.C.)

MEDDEN, RHEUA VAUGHN (see Mrs. Austin L. Rand) (1929, Gen., Calif.)

MEDSGER, OLIVER PERRY (Nov. 1, 1870, Jacobs Creek, Pa. —). Botanist; educator. Ed. - Greensburg Academy, Pa.; Ohio Northern; Columbia. Res. - Lincoln High School, Jersey City, N.J. 1925; Pennsylvania State College, Pa., prof. 1934-38; emer. prof. 1938-.

MEEHAN, THOMAS (Mar. 21, 1826, Potter's Bar, Middlesex, England — Nov. 19, 1901, Germantown, Pa.) Gardener; nurseryman; botanist; editor; ornithologist. Ed. - Informal. Res. - Isle of Wight, England; Kew Gardens, England; Bartram's Garden, Philadelphia, Pa.; Holmesburg, Pa.; Academy Natural Sciences, Philadelphia, Pa.; botanist State Board of Agriculture, Pa.

MEEK, SETH EUGENE (Apr. 1, 1859, Hicksville, Ohio — June 6, 1914). Ichthyologist; herpetologist; biologist. Ed. - Cornell; Indiana. Res. - Eureka (Ill.); Coe; Arkansas; U.S. Fish Commission; Field Columbian Museum, Chicago, Illinois.

MELISH, JOHN (June 13, 1771, Methven, Perthshire, Scotland — Dec. 30, 1822, Philadelphia, Pa.) Geographer; traveler; merchant; cartographer; engraver; political economist. Ed. - Glasgow, Scotland. Res. - Glasgow; W.I.; Savannah, Ga.; travels in Canada and western U.S.; Philadelphia, Pa.

MELLISH, JOHN THOMAS (Jan. 26, 1841, Pownal, P.E.I. —). Lawyer. Ed. - Prince of Wales Coll., Charlottetown; Mt. Allison Univ. Sockville; Victoria Univ. Toronto. Res. - Barrister, Charlottetown 1888- and P.E.I.; teacher at first two insts. above and others 1865-1880.

MENGER, RUDOLPH (1851 — Mar. 15, 1921, San Antonio, Tex.) Physician; naturalist. Ed. - Leipzig 1874. Res. - San Antonio, Tex. 239 Commerce St., 1886; 632 E. Commerce St. 1896; City Hill 1896; 607 Commerce St. 1898; 724 Commerce St. 1902-14; 11 N. Cherry St. 1914-21.

MERREM, BLASIUS (Feb. 4, 1761, Breman — Feb. 23, 1824, Marbourg). Ornithologist; herpetologist; anatomist. Ed. - Gottingen. Res. - Gottingen 1781-1794; Duisburg 1794; Prof. Zool. Bot. Volkswirtschaft Marburg 1804.

MERRIAM, C. HART

MERRYDAY, M. P. (1940, Gen.)

METCALF, ZENO PAYNE (May 1, 1885, Lakeville, O. —). Entomologist; ecologist. Ed. - Ohio State; Harvard. Res. - Michigan State College 1907-08; N.C. State Dept. Agri. 1908-1912; North Carolina State College 1912-, assoc. dean grad. school 1940-.

METHUEN, PAUL

MEYER, CHRISTIAN ERICH HERMANN von (Sept. 3, 1801, Frankfurt-a-M. — April 2, 1869, Frankfurt-a-M.) Palaeontologist; geologist; zoologist; mineralogist.

MEYER, FRIEDRICH, ALBRECHT ANTON (1768 — 1795). Mineralogist; zoologist; herpetologist; mammalogist; entomologist. (1795, Gen.)

MILES, MANLEY (A.) (July 20, 1826, Homer, Cortland Co., N.Y. — Feb. 15, 1898, Flint, Mich.) Agriculturist; naturalist; physician; zoologist. Ed. - Informal; Rush Medical College. Res. - Flint, Mich. 1837; Michigan Geological Survey 1858-60; Michigan State Agri. College 1861-74; Univ. Illinois 1875-77; Mountainville, Orange Co., N.Y. 1881-82; Mass. Agri. College 1883; Lansing 1886.

MILLER, AUGUST EDWARD (May 3, 1899, Zanesville, Ohio —). Entomologist; naturalist. Ed. - Ohio State. Res. - Ohio Experiment Station, Chillicothe 1922-26; Illinois State Lab. Natural History 1926-28; Butterfly Horticultural Comp., Zanesville, Ohio 1928-1935; Soil Conservation Service, U.S. Dept. Agri.; 230 Kenilworth Ave., Dayton, Ohio 1935-42.

MILLER, GERRITT SMITH, Jr. (Dec. 6, 1869, Peterboro, N.Y. —). Systematic zoologist; mammalogist. Ed. - Harvard. Res. - Division of Mammals, U.S. Nat. Museum, Washington, D.C. 1898-1909, curator 1909-40; assoc. biol. 1941-.

MILLER, HARRY EDWARD (1938, Pa.)

MILLER, RUSMISELLE (see Spaid)

MILLER, WALDRON DeWITT (Feb. 4, 1879, Brooklyn, N.Y. — Aug. 4 or 7, 1929, South River, N.J.) Ornithologist; botanist; naturalist; herpetologist. Ed. - High School; Plainfield; E. Greenwich Acad., R.I. Res. - Plainfield, N.J.; American Museum Natural History 1903-1929.

MILNE-EDWARDS, HENRI (Oct. 23, 1800, Bruges — July 29, 1885, Paris). Naturalist; entomologist; physiologist; zoologist; physician. Ed. - Paris. Res. - College Henri IV, Paris; Academy of Sciences, 1838; Jardin des Plantes 1841, Faculty of Sciences 1843; Legion d'honneur 1861.

MILNES, HERBERT (1946, Ont.)

MINDELEFF, COSMOS (1886, Ariz.)

MINOT, CHARLES SEDGWICK (Dec. 23, 1852, West Roxbury, Mass. — Nov. 19, 1914). Embyrologist; histologist; physiologist; comparative anatomist; ichthyologist. Ed. - Mass. Inst. Tech.; Leipzig; Paris; Wurzburg; Harvard. Res. - Harvard Dental College; Harvard Medical School, Boston, Mass.

MITCHELL, JOSEPH DANIEL (Oct. 22, 1848, Calhoun Co., Tex. — Feb. 27, 1922, Victoria, Texas). Naturalist; conchologist; herpetologist; entomologist; mammalogist. Ed. - Informal; school in Galveston, Tex.; high school, Bay St. Louis, Miss. Res. - U.S. Bur. Ent. 1906-22.

MITCHELL, SILAS WEIR (Feb. 15, 1830, Philadelphia, Pa. — Jan. 4, 1914, Phila., Pa.) Neurologist; physiologist; toxicologist; doctor; novelist; poet. Ed. - Pennsylvania; Jefferson Medical College. Res. - Civil War U.S.A.; 1524 Walnut St. Philadelphia, Pa.

MITCHILL, SAMUEL LATHAM (Aug. 20, 1764, North Hempstead, L.I., N.Y. — Sept. 7, 1831, N.Y.C.) Physician; botanist; chemist; U.S. Representative and Senator. Ed. - Private Instruction; Edinburgh. Res. - M.D., N.Y.C.; Columbia College; College Physicians and Surgeons; Rutgers Medical School, N.Y.C.; N.Y. Literary & Philosophical Society; Lyceum of Natural History of New York.

MITTLEMAN, MYRON B.

MIVART, ST. GEORGE (Nov. 30, 1827, Brook St., Grosvenor Square, London, England — April 1, 1900, 77 Inverness Terrace, London, W.) Lawyer; physician; comparative anatomist; biologist. Ed. - Clapham Grammar School; Harrow School; King's College, London; St. Mary's College, Oscott. Res. - Barrister, Lincoln's Inn; St. Mary's Hospital Medical School; Roman Catholic Univ. College Kensington; University Coll.; Univ. of Louvain.

MOCQUARD, FRANCOIS (1831, Leffond (Hte-Saone) — 1917). Physician. Mus. d'Hist. Nat. 1884-1908.

MOESEL, JULIA (see Mrs. Vernon Raymond Haber)

MOHR, CHARLES EDWARD (June 3, 1907, Reading, Pa. —). Herpetologist; speleologist; nature photographer; mammalogist. Ed. - Bucknell. Res. - Reading Publ. Mus. 1931-33; direct. educ. Acad. Nat. Sci. Phila. 1939-; Audubon Nature Center, Greenwich, Conn., 1948.

MOODY, CHARLES STUART (1869 — Apr. 22, 1926, Rigby, Ida.) Ed. - Cent. Med. St. Joseph, Mo. Res. - Gilbert, Ida. 1898; Orofino, Ida. 1900-02; Mullan, Ida. 1906; Sand Point, Ida. 1909-12; Hope, Ida. 1914-18; Pres. Ida. Med. Assoc.; Member State Legis.; Spanish-American War; Adj. Gen. Ida.; major Med. Corps U.S.A. World War.

MOORE, FLORENCE H. (see Mrs. Florence Moore Grimshawe)

MOORE, JOHN PERCY (May 17, 1869, Williamsport, Pa. —). Zoologist; curator. Ed. - Pennsylvania. Res. - Univ. of Pa. 1890-1912, prof. 1912-39, emer. prof. 1939-; Academy Natural Science, Philadelphia 1902; now Media, Pa., asst. cur. & corresp. secy. 1902-1940.

MOREAU de JONNES, ALEXANDRE (Mar. 19, 1778, Rennes — Mar. 28, 1870) Mineralogist; statistician; naturalist; West Indian authority. Ed. - Rennes. Res. - Served from 1792 at Toulon, Martinique, Antilles, Ireland, Santa Domingo; prisoner 1809-1814; France 1814; Martinique; Ministry of Marine; statistics bureau.

MORENO, ANICETA (1873, Gen.)

MORGAN, ANN HAVEN (May 6, 1882, Waterford, Conn. —). Zoologist; limnologist; ecologist; entomologist. Ed. - Wellesley; Cornell; Chicago; Harvard; Yale. Res. - Cornell 1909-11; Mt. Holyoke 1906-09, assoc. prof. 1912-13, prof. 1914-.

MORGAN, CONWY LLOYD (Feb. 6, 1852, London — March 6, 1936, St. Leonards). Psychologist; biologist; mammalogist. Ed. - Royal Grammar School, Guildford; Royal College of Science. Res. - Lecturer Diocesan College, Rondesbosch near Capetown 1878-84; Univ. College Bristol 1884-1911.

MORGAN, E. (1925, Gen.)

MORSE, ALBERT PITTS (Feb. 10, 1863, Sherborn, Mass. — 1935) Entomologist; ornithologist. Ed. - Cornell; Woods Hole. Res. - Wellesley College 1888-1910; Teachers School Science, Boston 1901-1910; Peabody Museum; Salem 1911-35.

MORSE, MAX WITHROW (May 7, 1880, Dayton, Ohio —). Biochemist. Ed. - Ohio State; Columbia. Res. - Ohio State 1903-05; U.S. Bureau Fisheries 1905-08; Cornell 1906-07; C. C. N.Y. 1908-10; Trinity (Conn.) 1910-13; Wisconsin 1913-15; Nebraska 1915-16; Nelson Morris Mem. Inst. 1916-18; West Virginia 1919-23; Jefferson Med. 1923-30; Rhom & Haas Co. Phila. 1930-33; N.Y. State Psychiat. Inst. 1932-34; Lederle Co. 1934; Kodak Co. New York 1934-.

MOSAUER, WALTER (May 5, 1905, Vienna, Austria — 1937) Anatomist; herpetologist; desert ecologist; explorer. Ed. - Vienna; Michigan. Res. - California at Los Angeles 1931-37.

MOSSE, ARTHUR HENRY EYRE (Sept. 28, 1877 —). Ed. - Kings School, Canterbury; Bedford School; R. M. College, Sandhurst. Res. - Indian Political Dept.; European War Aden 1914-15; Mesopotomia 1915-18; Indian Army to 1931; retired 1932.

MOZLEY, ANNIE E. (1878, Kan.)

MUELLER, G. C. (1937, Gen.)

MUELLER, JUSTUS FREDERICK (Nov. 20, 1902, Baltimore —). Parasitologist. Ed. - Hopkins; Illinois. Res. - U.S. Bur. Fisheries 1923-24; Illinois 1924-28; N.Y. Coll. Forestry, Syracuse 1928-38, assoc. prof. 1938-.

MULAIK, DOROTHY DeMUTH (1941, Tex.) Myropodist; herpetologist.

MULAIK, STANLEY (Sept. 30, 1902, Ptitsburgh, Pa. —). Naturalist; herpetologist; arachnidologist; vertebrate zoologist; botanist. Ed. - Slippery Rock; Pittsburgh; Cornell. Res. - High School Ridgway, Pa. 1928-30; Edinburg, Texas 1932-1939; Univ. Utah 1939-.

MULLER, A. (1836, Gen.)

MULLER, FRITZ (Mar. 31, 1822, Windischholzhausen — May 21, 1897, Blumenau, Brazil). Physician; mathematician; botanist; entomologist. Ed. - Berlin. Res. - Blumenau, Santa Catharina, Brazil, 1848-.

MULLER, BARON JOHANN WILHELM (Mar. 4, 1824, Rochersteinsfeld, Wurtemburg — October 24, 1866, same place.) Traveller; ornithologist. Ed. - Bonn; Heidelburg; Jena. Res. - Trips Northern Africa 1843-49; Kordosan; Zoological Garden Brussels 1852; Marseilles 1854; Trip N. A. and Mexico 1856-.

MURRAY, LEO TILDON (May 4, 1902, Eastland Co., Tex. —). Ed. - Sul Ross State Teachers Coll., Tex.; Cornell. Res. - Asst. prof. Balls Teacher Coll., Ind. 1935-36; assoc. prof. & dir. Baylor Museum 1936-; U.S. Fish & Wild Life; 1602 Ridgecrest Drive, Albuquerque, N.M., 1946; Box 1381, Billings, Mont., 1948.

MYERS, GEORGE SPRAGUE (Feb. 2, 1905, Jersey City, N.J. —). Systematic zoologist; ichthyologist. Ed. - Indiana; Stanford. Res. - Indiana 1916-26; Stanford Univ., Calif. 1926-32; U.S. National Mueum 1933-36; Stanford Univ. 1936-38, prof. 1938-, cur. zool. collections 1936-; lect. Mus. Nac. do Brasil 1942-43.

NAPHIGGI (NAPHEGYI), G. (1868, Gen.)

NASH, CHARLES WILLIAM (Aug. 15, 1848, Bognor, Sussex, Eng. — Feb. 12, 1926, Toronto). Farmer; naturalist. Res. - Came to Canada 1869; Farmers' Institutes, Ontario 1899-; Later Provincial Museum.

NASH, M. (1827, Mass.)

NAUMAN, E. D. ( ). Ornithologist. Res. - Box 363, Sigourney, Ia. 1929, 1931, 1932-.

NECKER, WALTER LUDWIG (Dec. 27, 1912, Hamburg, Germany —). Herpetologist; ecologist; zoogeographer. Ed. - Chicago. Res. - Chicago Academy of Sciences, Lincoln Park, Chicago, Ill. 1931-41, librarian 1934-41; Member Ind. Acad. Sci., 1933; co-founder Herpetologica; curator Microscop. Soc. Ill. 1933-; 1538 Diversey Parkway, Chicago 14, Ill. 1946-.

NEHRLING, HENRY (1853 — Nov. 22, 1929, Naples, Fla.) Curator; ornithologist; teacher; naturalist; horticulturist. Ed. - Informal; Lutheran parochial school; Addison Normal, Ill. Res. - Teacher 1873-1887, Ill., Mo., Texas; dep. coll. & inspector, port of Milwaukee 1887-1890; secy. & custodian Milwaukee Mus. 1890-1903; Phila. Com. Mus. 1904; Gotha, Fla. 1904-.

NEIDHARD, CHARLES (April 19, 1809, Bremen, Germany — April 17, 1895, Phila., Pa.) Physician; pioneer, homeopathist; editor. Ed. - Buxweiler Coll., Alsace; Gymnasium, Stuttgart; Phila. Med. Inst.; Pennsylvania Hospital, Phila., Pa.; Leipzig; Jena; Allentown Homeopathic Med. College. Res. - Helped organize Hahnemann Med. Coll. Pa.; private practice; member several societies.

NEILL, WILFRED T., Jr. (1941, Ga.) 1310 Milledge Rd., Augusta, Ga. 1948.

NELSON, EDWARD WILLIAM (May 8, 1855, Manchester, N.H. — May 19, 1934, Washington, D.C.) Field naturalist; ornithologist; mammalogist; ethnologist. Ed. - Cook Co. Normal School (Chicago). Res. - U.S. Biological Survey, Washington, D.C.

NELSON, JULIUS (Mar. 6, 1858, Copenhagen, Denmark — Feb. 15, 1916, New Brunswick, N.J.) Biologist; bacteriologist; ecologist; oyster specialist. Ed. - Waupaca, Wisconsin; Johns Hopkins. Res. - N.J. Agri. Expt. Sta.; Rutgers College 1888-1811.

NETTING, MORRIS GRAHAM (Oct. 3, 1904, Wilkinsburg, Pa. —). Herpetologist; zoogeographer. Ed. - Pittsburgh; Michigan. Res. - Carnegie Museum, Pittsburgh, Pa. 1925-1931, curator herp. 1931-; lecturer Pittsburgh 1936-; President of American Society of Ichthyologists and Herpetologists, 1948.

NEU-WIED (see Wied, Neu-Wied)

NEWCOME, WILLIAM A. (Apr. 29, 1884, Hood River, Oregon —). Ethnologist; botanist; conchologist; naturalist. Ed. - Informal. Res. - Provincial Museum, Victoria, B.C. 1928-.

NEWTON, LILLIAN F. (1940, N.H.)

NICHOL, ANDREW ALEXANDER (Apr. 24, 1896, Hendrum, Minn. —). Naturalist; mammalogist; botanist; ecologist. Ed. - Minnesota. Res. - Univ. Ariz. 1925-; Nat. Assoc. Aud. Soc. Scholarship 1936-38; Nat. Park Service 1938-39; Ariz. State Game Dept. 1940-.

NICHOLS, JOHN TREADWELL (June 11, 1833, Jamaica Plain, Mass. —). Systematic zoologist; ornithologist; ichthyologist; naturalist. Ed. - Harvard. Res. - Asst. Mammals Amer. Mus. Nat. Hist. 1907-08; asst. U.S. Bur. Fisheries 1908-09; Amer. Mus. Nat. Hist., ichthyology 1909-, curator 1928-; founder, Copeia, 1913.

NICHOLSON, EDWARD ( ). Chemist; herpetologist. (1883, Gen.)

NICHOLSON, HUNTER ( ). Naturalist; agriculturist; conchologist. (1877, Tenn.) Prof. East Tenn. Agri. Coll. (later Univ. Tenn.) 1877, 1878.

NOBLE, GLADYWN KINGSLEY (Sept. 20, 1894, Yonkers, N.Y. — Dec. 9, 1940) Experimental morphologist; herpetologist. Ed. - N.Y. Military Acad.; Harvard; Columbia. Res. - American Museum of Natural History 1922-.

NOGUCHI, HIDEYO (Nov. 24, 1878, Inawashiro, Northern Japan — May 21, 1928, Accora, Africa). Surgeon; bacteriologist; toxicologist; parasitologist; immunologist. Ed. - Tokyo Medical State College. Res. - Tokyo Dental College; Kitasatos Inst., Tokyo; Univ. Pennsylvania; Carnegie Inst. Washington, D.C.; Rockefeller Institute Medical Research.

NOPCSA, BARON FRANCIS (May 3, 1877, Szacsal near Hatszeg Transylvania — April 25, 1933, Vienna). Geologist; palaeontologist. (1928, Gen.)

NORTHRUP, JOHN ISAIAH ( ). (1890, N.Y.)

NORTON, ARTHUR HERBERT (April 19, 1870, St. George, Knox Co., Mo. —). Zoologist; ornithologist; botanist. Ed. - Informal; Univ. of Maine 1940. Res. - St. George; Westbrook and Portland, Me.; Curator Portland Soc. Nat. Hist 1905.

NOTESTEIN, F. N. (1905, Mich.)

OBRECHT, CARL B. (1946, S.C.) 726 Gladstone. Detroit 2, Michigan.

O'CONNELL, JOHN H. (1912, Gen.)

O'DONOGHUE, CHARLES HENRY (Sept. 23, 1885, Bedfordshire, England —). Zoologist. Ed. - London; Freiburg; London. Res. - Univ. of London; Univ. of Manitoba, Winnipeg 1924-25; Univ. of Edinburgh, Scotland.

OKEN (OCKENFUSS), LORENS (Aug. 1, 1779, Bohlsbach, Wurtemberg or Swabia or Wursbourg — Aug. 11, 1851, Zurich). Naturalist; anatomist; mammalogist; editor. Ed. - Wurzbourg; Gottingen, Freiburg. Res. - Gottingen; Univ. of Jena 1807; Basel 1821, 1822; Jena 1827; Munich 1828; "Isis" 1816-1848; Weimar-Rudolstadt; Zurich 1832-51.

OLIVER, JAMES ARTHUR (Jan. 1, 1914, Caruthersville, Mo. —). Herpetologist. Ed. - Michigan. Res. - Inst. biol. North Michigan Coll. Educ. 1941-42; asst. cur. amph. & rept. Am. Mus. Nat. Hist. 1942-1948; Univ. Fla. 1948-.

OPPEL, MICH (Dec. 7, 1782, Schonsicht — Feb. 16, 1820, Munich). Herpetologist. Ed. - Gymnasium, Lyceum, Amberg. Res. - Munich 1806-1820; many honors, Munich.

D'ORBIGNY, ALCIDE (Sept. 2, 1802, Coueron, Loure Inf. — June 30, 1857, Paris.) Geologist; foraminiferist; zoologist; palaeontologist. Ed. - With his father Charles D'Orbigny. Res. - Noirmoutier; Ensades; LaRochelle; S. A. 1826-1834; LaRochelle 1846; Mus. d'Hist. Nat. 1853-.

ORD, GEORGE (1781, Phila., Pa. — Jan. 24, 1866, Phila., Pa.) Naturalist; lexicographer; writer; biographer. Ed. - Informal. Res. - Worker with Alexander Wilson; member of several Phila. learned groups.

O'REILLY, G. R.

ORTENBURGER, ARTHUR IRVING (June 8, 1898, Detroit, Mich. —). Systematic vertebrate zoologist; herpetologist; naturalist; zoogeographer. Ed. -

Michigan. Res. - American Museum Natural History 1922-24; Univ. of Oklahoma 1924-1936, prof. 1936-42, chairm. dept. animal biol. 1942-.

ORTENBURGER, MRS. ROBERTA DEAM (Mrs. Arthur Irving nee Roberta Deam) Apr. 2, 1900, Bluffton, Ind. —). Herpetologist; naturalist. Ed. - Michigan. Res. - Am. Mus. Nat. Hist. 1922-24; Norman, Okla. 1924-.

ORTH, JOHN C. (Oct. 8, 1910, N.Y.C. —). Naturalist; educator. Res. - Am. Mus. Nat. Hist., Dept. of Education, May 1928-present; Palisades Interstate Park, Bear Mt., N.Y., 1948.

OSBORN, HENRY FAIRFIELD (Aug. 8, 1857, Fairfield, Conn. — Nov. 6, 1935). Vertebrate palaeontologist; comparative anatomist; curator; educator. Ed. - Princeton; Royal Coll. Sciences (with Huxley); Cambridge (with Balfour). Res. - Columbia University; U.S. Geol. Survey; Am. Museum of Natural History, New York City, N.Y.

OSBORN, HERBERT (Mar. 19, 1856, Lafayette, Wisc. —). Zoologist; entomologist. Ed. - Iowa State College; Harvard; Naples. Res. - Iowa State College 1879-85, prof. 1885-98; U.S. Dept. of Entomology; later Ohio State University, Columbus, Ohio 1898-1916, res. prof. 1916-1933, emer. prof. 1933-.

OSBURN, RAYMOND CARROLL (Jan. 4, 1872, Newark, Ohio —). Entomologist; ichthyologist. E. - Ohio State; Columbia. Res. - Starling Med. Coll. 1898-99; Fargo 1899-1902; N.Y. High School Commerce 1903-07; Barnard 1907-15; Conn. Coll. Women 1915-1917; Ohio State University, Columbus, O. 1917-1942; 1861 Mission St., South Pasadena, California, 1948.

OSMER, R. R. (1930, Wash.)

OVER, WILLIAM HENRY (June 10, 1866, Albion, Ill. —). Anthropologist; biologist. Ed. - Albion; South Dakota. Res. - South Dakota Museum, 125 No. Harvard St., Vermillion, South Dakota. 1913, director.

OWEN, CHARLES (— Feb. 17, 1746, Warrington, Lancashire). Clergyman. Ed. - Private; Edinburgh. Res. - Warrington 1696-1746.

OWEN, R. P. (1940, Wash.) 1918 Magnolia Blvd., Seattle 2, Wash., 1948.

OWENS, DAVID W. (1941, Ill.)

PACK, HERBERT JOHN (Oct. 26, 1892, Woods Cross, Utah — 1930). Entomologist; herpetologist; ichthyologist. Ed. - Utah College; Cornell. Res. - Utah Ag. College 1913-14; high schools 1914-18; Utah College 1920-.

PACKARD, ALPHEUS SPRING (Feb. 19, 1839, Brunswick, Me. — Feb. 14, 1905, Providence, R.I.) Zoologist; geologist editor; entomologist; traveler; surgeon. Ed. - Bowdoin; Me. Medical School; Harvard. Res. - Civil War; Boston Society Natural History; Essex Institute; Peabody Academy Science; Entomologist Mass.; various other positions; Brown University, Providence, R.I.

PALISOT de BEAUVOIS, AMBROISE MARIE FRANCOIS JOSEPH (July 27, 1752 (or 1755 per Fratt), Arras — Jan. 21, 1820, Paris). Naturalist; botanist; writer; entomologist; herpetologist; explorer with Dr. Lestiboudois. Ed. - College d'Harcourt a Paris. Res. - In public office 1772-1777; travels in Africa, Santo Domingo and U.S.A.; Academy Sciences 1781; Institute 1815.

PALMER, EPHRAIM LAURENCE (July 8, 1888, McGraw, N.Y. —). Naturalist; botanist; conservationist; nature study teacher; ecologist; traveller. Ed. - Cornell. Res. - Asst. Cornell 1910-13; Iowa State Teachers Coll. 1913-19; Cornell Univ. 1919-23, prof. 1923-.

PALMER, RALPH SIMON (June 13, 1914, Richmond, Me. —). Ornithologist; mammalogist. Ed. - Univ. Me.; Cornell. Res. - Dept. Zool., Vassar College.

PALMER, THOMAS CHALKLEY, Jr. (Oct. 23, 1860, Media, Pa. —). Chemist; botanist; algologist. Ed. - Westtown; Haverford. Res. - Chemist and plant mgr.; companies 1882-1922; Del. Co. Inst. Sci., Media, Pa.

PARKER, HAMPTON WILDMAN (1897, Giggleswick, Yorkshire, Eng. —). Zoologist; herpetologist. Ed. - Christ's Hospital; Cambridge Univ. Res. - Brit. Mus. (N.H.)

PARKER, MALCOLM VERNON (Feb. 26, 1913, Amarillo, Texas —). Teacher; naturalist. Ed. - Southwestern (Memphis); Univ. Ga.; Northwestern. Res. - Route 6, Box 96, Memphis, Tenn., later Berclair Sta., Memphis 12.

PARKER, WILLIAM KITCHEN (June 23, 1823, Dogsthorpe near Peterborough, Northamptonshire — July 3, 1890, Cardiff). Comparative anatomist; botanist; practitioner. Ed. - Peterborough Grammar School; druggist apprentice; surgeon's assistant 2 years, Market Overton in Rutland; Westminister; Charing Cross Hospital; Kings' College; Royal College of Surgeons. Res. - Pimlico to 1883; Royal College of Surgeons.

PARKS, HALIBURTON BRALEY (Apr. 13, 1906, Sitka, Alaska —). Geneticist; entomologist; zoogeographer. Ed. - Texas. Res. - Curator Dept. Zool. Mus.

1930-32; head dept. Science Ranger Jun. Coll. 1934-35; asst. prof. & assoc. prof. Stephen F. Austin State Teachers Coll. 1937.

PATCH, CLYDE LOUIS (June 30, 1887, Hiawatha, Kan. —). Systematic vertebrate zoologist; naturalist. Ed. - Public schools; American Museum of Natural History. Res. - National Museum of Canada, Ottawa, Canada, 1910-13; taxidermist 1913-; herpetologist 1918-.

PAULMIER, FREDERICK CLARK (May 17, 1873, Madison, N.J. — March 3 or 4, 1906, New York City). Vertebrate zoologist; malacologist; entomologist. Ed. - Princeton; Columbia. Res. - Columbia Univ.; N.Y. State Museum, Albany, N.Y.

PAWLING, R. O. (1939, Pa.)

PECK, JACOB (1833, Ga.)

PECK, LLEWELLYN OWEN (Nov. 19, 1906, Cornwall, Vt. —). Biologist; forester. Ed. - Arizona. Res. - U.S. Forest Service 1934-; Missoula (Wise River) Montana 1940.

PENN, GEORGE HENRY, Jr. (Nov. 20, 1918, New Orleans, La. —). Limnologist; herpetologist; parasitologist. Ed. - Tulane; Cornell. Res. - Asst. Tulane 1939-41; field biol. State Cons. Dept. 1941-42; U.S. Navy ensign 1942; asst. prof. Tulane.

PENNANT, THOMAS (June 14, 1726, Whitford (or Whiteford) near Holywell, Flintshire — Dec. 16, 1798, Downing). Traveler; naturalist; writer. Ed. - Wrexham; Hadley near Enfield Chase; Queen's College, Oxford. Res. - Cornwall; Ireland; On continent 1765; Scotland; Isle of Man; Eng. tours 1774-1787.

PERKINS, C. B. (Nov. 11, 1888, Denver, Colo. —). Naturalist; collector; herpetologist; curator. Ed. - Princeton. Res. - San Diego Zoo, collector 1926-31. In charge of reptiles 1931-; 4656 - 56th St., San Diego 5, California.

PERKINS, R. MARLIN (March 28, 1905, Carthage, Mo. —). Naturalist; curator; herpetologist. Ed. - Missouri. Res. - Zool. Gardens, St. Louis, Mo. June 1926-Sept. 1938; Zoological Gardens, Buffalo Sept. 1938-; Director Zool. Gardens, Lincoln Park, Chicago, Ill.

PERRY, ARMSTRONG (1920, N.Y.)

PETERS, J. A. (1942) Res. - Mus. Zool. Ann Arbor, Michigan.

PETERS, JAMES LEE (August 13, 1889, Boston, Mass. —). Ornithologist. Ed. - Harvard. Res. - Museum Comparative Zoology 1921-, curator birds 1933-.

PETERS, WILLIAM KARL HERTWIG (Apr. 22, 1815, Koldenbuttel, Schleswig — April 20, 1883, Berlin). Osteologist; anatomist; traveler; zoologist; mammalogist; herpetologist. Ed. - Copenhagen; Berlin. Res. - Mediterranean; Mozambique; Zanzibar, Madagascar, East Indies, Instit. Anat. Berlin.

PEYTON, J. H. (1940, Tenn.)

PHILIPS, C. (1940, Fla.)

PHILLIPS, HENRY, Jr. (Sept. 6, 1833, Philadelphia, Pa. — June 6, 1895, Philadelphia, Pa.) Lawyer; numismatist; folk lore specialist; philologist; bibliographer; linguist. Ed. - Pennsylvania. Res. - Member, curator, secretary, librarian Am. Philo. Soc.

PHILLIPS, W. B. (1934, Ga.)

PHILPOTT, CHARLES HUGHES (Dec. 22, 1888, Monroe Co., Mo. —). Zoologist; toxicologist. Ed. - Missouri. Res. - Kansas City Junior College 1915-23; Harris Teacher's College, St. Louis, Mo. 1923-43, prin. 1943; Washington (St. Louis) 1929-1933 lect. dir. educ. St. Louis Schools 1947-.

PHISALIX-PICOT, MME. MARIE (1861 —). Toxicologist; biographer; zoologist. (1912, Gen.)

PIATT, JEAN (Sept. 22, 1909 —). Herpetologist; anatomist; zoologist. Ed. - Butler; Haverford; Yale. Res. - Indiana Acad. Science 1930; 344 Northern Ave., Indianapolis 1932-; Medical Coll., Univ. of Vermont 1937-39; Nat. Research Council Fellow,, Coll.Physicians and Surgeons New York 1939-40.

PICADO, T. C. (Apr. 17, 1887, Nicaragua —). Doctor; herpetologist. Ed. - Univ. Paris. Res. - "Dir. Laboratorios del Hospital San Juan de Dias en San Jose' de Costa Rica 1914-to date." (1931, Gen.)

PICKENS, ANDREW LEE (Mar. 6, 1890 —). Biologist. Ed. - Furman; Virginia; California. Res. - Asst. Virginia 1932-24; Furman 1924-26; termite invest. Calif. 1928-32; Upper Archeol. Survey, S.C. 1935; Paducah Junior College, Paducah, Ky., prof. 1935-.

PICKWELL, GAYLE BENJAMIN (Mar. 25, 1899, Murdock, Neb. —). Ornithologist; animal photographer; naturalist. Ed. - Nebraska; Northwestern; Columbia; Cornell. Res. - Asst. Neb. 1921-22; asst. Northwestern 1922-26; San Jose State Coll., Calif. 1927-, prof.; 251 S. 14th St., San Jose, California.

PIERCE, JAMES ( ). Geologist; mineralogist; geographer; naturalist; traveler. (1822, N.Y., Fla.)

PIERS, HARRY (Feb. 12, 1870, Halifax, N.S. — Jan. 24, 1940, Halifax, N.S.) Zoologist; librarian; curator; ornithologist; archäeologist. Ed. - Halifax Co., Academy; private tutors. Res. - Legislative Library N.S.; Public Records N.S. 1899; Provincial Museum 1899-1911; Nova Scotia Technical College, Halifax, N.S.

PINKUS, LOTHAR F. (1932, Mo.)

POMERAT, CHARLES MARE (July 23, 1905, Southbridge, Mass. —). Morphologist; physiologist; endocrinologist. Ed. - Clarke; Harvard. Res. - Inst. biol. Clark 1932-37; asst. prof. 1937-39, assoc. prof. Alabama 1939-40, prof. 1940-.

POMPPER, HERMAN

POPE, CLIFFORD HILLHOUSE (Apr. 11, 1899, Washington, Ga. —). Herpetologist; naturalist. Ed. - Georgia; Virginia. Res. - American Museum Natural History 1921-35; later writer 15 Charles Place, Chatham, N.J. 1935-39; Field Mus. Nat. Hist. div. amph. & reptiles 1940-41, curator 1941-.

POPE, PHILLIP HUNTLEY (Oct. 24, 1887, Manchester, Me. —). Herpetologist. Ed. - Bowdoin; Harvard; Pittsburgh. Res. - Inst. Pittsburgh 1919-21; Reed College 1921-25; U.S. Veterans Hospital, Walla Walla, Wash. 1923-30; Whitman College, 925 Alvarado Terrace, Walla Walla, Wash. 1930-37, prof. 1937-.

POPE, T. E. B. ( ). Invertebrate zoologist; herpetologist; ichthyologist. (1927, Wisc.)

POTTER, DOREEN (1920, Mich.)

POUND, C. (1941, Gen.)

POUSMA, R. H. (1928, N.M.)

PRAEGER, WILLIAM EMILIUS (Sept. 10, 1863, Belfast, Ireland —). Botanist; ornithologist; ecologist. Ed. - Illinois; Chicago. Res. - Univ. of Chicago 1902-03; Deseret Summer Inst., Logan, Utah 1904; Streator, La Salle Co., Ill. 1911; Kalamazoo Normal 1905-24.

PRATT, HENRY SHERRING (Aug. 18, 1859, Toledo, Ohio —). Zoologist. Ed. - Michigan; Leipzig; Freiburg; Geneva; Leipzig; Innsbruck. Res. - Haverford Coll. 1893-, prof. 1901-28, emer. prof. 1929-; 210 E. Livingsotn Ave., Orlando, Fla.

PREBLE, EDWARD ALEXANDER (June 11, 1871, Somerville, Mass. —). Field biologist; explorer; vertebrate zoologist; ornithologist; mammalogist. Ed. - High school; U.S. Biological Survey. Res. - U.S. Biological Survey 1892-1935; American Nature Assn., 1214 - 16th St., Washington, D.C., assoc. editor, Nature Magazine; 3027 Newark St., Washington 8, D.C. 1948.

PRESNALL, CLIFFORD C. E. (Dec. 9, 1898, Dubuque, Iowa —). Mammalogist; naturalist; ornithologist; ethnologist; ranger. Ed. - Oregon Agr. Coll. Res. - Range manager 1923-28; Yosemite N. P. 1929-33; Zion and Bryce Canyon N. P. 1933-38; Asst. chief N. P. Wild Life, Washington, D.C. 1938-; P.O. Box 262, Lake Zurick, Ill., 1947.

PRICE, WINSTON H. (1943, Fla.)

PRINCE, JAC (1819, Mass.)

PROCTOR, JOAN BEAUCHAMP (Aug. 5, 1897, London — Sept. 20, 1931, London). Herpetologist; artist; naturalist; curator; zoo specialist. Ed. - St. Paul's School for Girls. Res. - Brit. Mus. Nat. Hist. 1917-; Curator 1923 or 1924-; part designer in Aquarium and Reptile House.

PUTNAM, FREDERIC WARD (Apr. 16, 1839, Salem, Mass. — Aug. 14, 1915, Cambridge, Mass.) Ethnologist; archaeologist; vertebrate zoologist; anthropologist; naturalist; curator; geologist. Ed. - Harvard; Williams; Pennsylvania. Res. - Essex Inst. Salem, Mass., 1856-71; Boston Society Natural History 1859-68; Penikese School 1874; Peabody Academy of Science 1869-73; Kentucky Geological Survey 1874; U.S. Engineer 1876-79; Museum Comparative Zoology 1876-78; Peabody Museum 1875-1909; Harvard Univ. Professor 1886-1909; Curator American Museum Natural History 1894-1903; Univ. of California 1903-1909; other positions.

PYCRAFT, WILLIAM PLANE (1868, Great Yarmouth —). Zoologist; osteologist; comparative anatomist; writer; naturalist; ornithologist; herpetologist. Ed. - Res. - Asst. Professor Comparative anatomy. Oxford 1892-98; Late Assistant-Keeper Osteological Colls. British Museum; Little Paddock, Longcross, Chertsey.

QUAINTANCE, CHARLES W. (August 14, 1906, Philadelphia, Pa. —). Vertebrate zoologist; naturalist. Ed. - Arizona; California; Cornell. Res. - Estes Park Colorado; Johnson City, Tenn. 1939-; East Ore. St. Teachers Coll.

QUELCH, JOHN JOSEPH ( ). Entomologist; naturalist. (1899, Gen.)

RAFINESQUE, (SCHMALTZ) CONSTANTINE SAMUEL (Oct. 22, 1783, Galata, Constantinople — Sept. 18, 1840, Philadelphia, Pa.) Naturalist; traveler; ichthy-

ologist; botanist. Ed. - Private tutors. Marseilles, Leghorn. Res. - Phila., Pa.; Leghorn; Palermo, Sicily; Clermont, N.Y.; Transylvania University, Lexington, Ky.; Philadelphia, Pa.

RAHN, HERMAN (July 5, 1912, East Lansing, Mich. —). Zoologist; herpetologist. Ed. - Cornell; Wyoming; Illinois; Kiel; Rochester; Harvard. Res. - Wyoming 1939-1941; Rochester 1941, inst. 1942-.

RAMSDEN, CHARLES THEODORE (Feb. 11, 1876, Santiago de Cuba —). Zoologist; ornithologist; ecologist; mammalogist; conchologist. Ed. - Yale; Univ. de Cuba. Res. - Private expeditions in Cuba; Guantanamo, Cuba; 8 and 19 Vista Alegre, Santiago de Cuba.

RAMSEY, EARL E. (Aug. 12, 1874, Lagro, Ind. —). Geographer; naturalist; education teacher. Ed. - Indiana. Res. - Muncie and Ft. WayneHigh Schools 1899-1906; Prin. Bloomington H. S. 1906-18; H. S. Supt. Schools, Bloomington 1918-22; State School Inspect. 1921-25; Inst. Cornell Univ. 1926; State Teachers Coll. Terra Haute, Ind.

RAMSEY, L. W. (1946, Texas) Res. - Box 2355 College Station, Texas, Box 441, T. C. Univ., Fort Worth 9, Texas, 1948.

RANBY, JOHN (1703 — Aug. 28, 1773, Chelsea Hospital). Physician; surgeon, military. Ed. - Apprentice to Edward Barnard, foreign brother of Barber - Surgeons, 1715-1722. Res. - Fellow R. Soc. 1724; Sergeant surgeon to George II 1740; Master Surgeon's Co. 1745-51; surgeon Chelsea Hospital 1752-.

RAND, MRS AUSTIN L. (Sept. 9, 1905, Seneca Falls, N.Y. —). Zoologist. Am. Mus. Nat. Hist. 1929-42; Ottawa 1942-; Field Mus. 1947-.

RANEY, EDWARD COWDEN (May 23, 1909, Pittsburgh, Pa. —). Ichthyologist; herpetologist; naturalist; ecologist. Ed. - Pa. State Teachers, Slippery Rock; Cornell. Res. - Dept. Zool. Cornell 1937-.

RATCLIFFE, HERBERT LEE (Oct. 12, 1901, Brunswick, Ga. —). Pathologist. Ed. - Emory; Johns Hopkins. Res. - Nat. Res. fellow 1928-29; Pennsylvania 1929-; Zool. Soc. Phila. 1929-.

RATHVON, SIMON SNYDER (April 24, 1812, Marietta, Lancaster Co., Pa. — 1891, Lancaster, Pa.) Entomolgist; ornithologist; naturalist; tailor; garment specialist; agriculturist. Ed. - Informal; Franklin & Marshall 1878. Res. - Marietta 1832-; Marietta Lyc. Nat. Hist. 1837-; Entomology 1842-; Lancaster 1848-1886-; Editor "Lancaster Farmer" 1869-73; two sci. socs. Lancaster; sev. societies elsewhere.

RAY, JOHN (probably November 29, 1627, Black Valley near Braintree, Essex — Jan. 17, 1705, Black Notley). Naturalist; botanist; minister; zoologist. Ed. - Braintree Grammar School; Catharine Hall, Cambridge; Trinity College. Res. - Trinity College; Travels Eng. 1658-1662; 1663-1666 Eur. Continent; English tours 1666-1671; Middleton Hall 1672-1676; Sutton Coldfield 1677; Black Notley 1678-.

REA, PAUL MARSHALL (Feb. 13, 1878, Cotuit, Miss. —). Zoologist; museum specialist. Ed. - Phillips Exeter Acad.; Williams; Columbia. Res. - Charleston, Cleveland and Santa Barbara Museums successively; Pa. Museum of Art, Phila.; now 2550 Puesta del Sol Road, Santa Barbara, California.

REAGEN, ALBERT B. (Jan. 22, 1871, Maxwell, Ia. — May 30, 1936, Salt Lake City). Ethnologist; geologist. Ed. - Cent. St. Teachers College, Okla.; Valpariso; Indiana; Stanford. Res. - U.S. Indian Service 1899-1934; Nett Lake, Minn., 1910; Brigham Young Univ. 1934-36.

REDDICK, G. (1896, Ind.)

REED, HUGH DANIEL (Mar. 4, 1875, Hartsville, N.Y. — Aug. 23, 1937, Ithaca, N.Y.) Zoologist; comparative anatomist. Ed. - Cornell; Freiburg. Res. - Fellow, Zool. Cornell 1899-1900; instructor to professor 1910-1937.

REED, W. H. A. (1879, Ohio.)

REESE, ALBERT MOORE (April 1, 1872, Lake Roland, Md. —). Zoologist; herpetologist. Ed. - Hopkins. Res. - South Homeop. Med. Coll., Baltimore 1893-97; Pa. Coll. 1897; Allegheny 1901-02; Syracuse 1902-07; W. Va. 1907-46, emer. 1946-.

REGAN, CHARLES TATE (1878, Sherborne, Dorset — Jan. 13, 1943). Ed. - Derby School; Queen's College, Cambridge. Res. - British Museum 1901-; Deputy Keeper of Zoology 1919-21; Keeper 1921-27; Director British Museum of Nat. History, 1928-38.

REHN, JAMES ABRAM GARFIELD (Oct. 26, 1881, Philadelphia, Pa. —). Entomologist; mammalogist; naturalist. Ed. - Pa. Acad. Fine Arts. Res. - Academy of Natural Sciences, Philadelphia, Pa. 1903-, curator entomol. 1933, secy. 1920-38, corres. secy. 1938-.

REINHARDT, JOHANNES THEODOR ( ). Zoologist (fishes, mammals); naturalist. (1843, Gen.)

REUSS, ADOLPH ( ). Physician; arachnologist. (1834, Gen.)

REYNOLDS, F. A. (1942, Gen.)

REYNOLDS, H. S. (1878, Ark.)

RHOADS, SAMUEL NICHOLSON (Apr. 30, 1862, Philadelphia, Pa. —). Faunal mammalogist; ornithologist; bibliographer; book seller. Ed. - Harvard. Res. - Acad. Nat. Sciences, Phila.; Carnegie Museum, Pittsburgh; Haddonfield, N.J.

RICE, FRANK L. ( ). Ornithologist; herpetologist. (1883, Ill.)

RICHARDSON, CHARLES HOWARD, Jr. (July 7, 1887, Pasadena, Calif. —). Entomologist. Ed. - Stanford; Harvard; Columbia. Res. - Stanford Univ. 1911; N.J. Expt. Station 1913-; entomologist U.S. Dept. Agr. 1919-28; Iowa State 1928-31, prof. 1931-.

RICHARDSON, SIR JOHN (Nov. 5, 1787, Neth Place, Dumfries — June 5, 1865, Lancrigg). Arctic explorer; naturalist; surgeon; ichthyologist. Ed. - Dumfries Grammar School; Edinburgh. Res. - House Surgeon Dumfries Infirmary; asst. surgeon Royal Navy on Nymphe, Hibernia, Hercule, Blossom—1815; Edinburgh 1815-1816; with Franklin Polar Expedition; Franklin 2nd Exped.; Franklin Search Expedition.

RICHMOND, NEIL D. (Nov. 17, 1912, Pine Grove, W.Va. —). Herpetologist; zoologist. Ed. - Fairmont Teachers Coll. (W.Va.); W.Va.; Michigan. Res. - Fairmont 1935-36; Auburn, N.Y. Inst. Zool., Syracuse Univ. 1936-37; Fairmont 1937-38; Marshall Coll. 1938-39; Shackleford Farms, Lanexa, Va. 1939-40; U.S. Fish & Wild Life Serv., Pa. 1947-48; 1323 Liberty St., Frankin, Pa. 1948.

RICKETSON (1911, N. E.)

RIGNEY, C. C. (1942, Okla.)

RITGEN, FERDINAND AUGUST Von ( ). Physiologist; anatomist; chemist. (1828, Gen.)

RITTER, WILLIAM EMERSON (Nov. 19, 1856, Hampden, Columbia Co., Wisc. — 1944). Zoologist; biologist. Ed. - State Normal School (Wisc.); California; Harvard; Naples; Berlin. Res. - Univ. of California, Berkeley, Calif. 1891-1923; Scripps Inst. 1909-23; emer. prof. 1923-.

RIVERS, G. M. (1874, S.C.)

ROBERTS, H. L. (1889, Ill.)

ROBERTSON, H. C. (1935, Md.)

ROBINSON, PHILIP STEWART (Oct. 13, 1847, Chunar, India — Dec. 9, 1902) Poet; naturalist. Ed. - Marlborough College. Res. - Librarian, Cardiff 1866-1868; India 1869-; Allahabad College 1873; Daily Telegraph England 1877; Correspondent and lecturer 1878-1899 Africa, Egypt; Utah, Australia, Cuba.

ROBINSON, R. G. (1896, Fla.)

ROCHON-DUVIGNEAUD, ANDRE (1931)

RODDY, HARRY JUSTIN (May 25, 1856, Landesburg, Pa. — 1943). Herpetologist; ornithologist; palaeontologist; geologist. Ed. - Pa. State Normal School; Kansas City University. Res. - Teacher public schools 1886-91; Pa. State Normal School, Millersville 1893-1926; Franklin and Marshall Col. 1926-.

RODECK, HUGO GEORGE (Sept. 19, 1902, Marion, N.J. —). Entomologist; ecologist; biologist; curator; naturalist. Ed. - Colorado; Minnesota. Res. - Inst. Colorado 1928-31; Asst. Prof. Nat. Hist. 1933-39; Dir. Mus. and Assoc. Prof. 1938-; Air Forces, U.S.A.

RODGERS, THOMAS LUTHAN (July 4, 1909, Boulder Cr., Santa Cruz Co., Calif. —). Zoologist. Ed. - Alaska Agr. Sch. & Coll. Mines; San Jose Coll. Calif. Res. - Coll. 1929; West Coast Sch. Nat. Study 1931-33; Mus. Vert. Zool. Calif.; Chico State Coll. Chico, Calif.

RODMAN, GAGE B., Jr. (Jan. 15, 1922, Ogden, Utah —). Herpetologist; student. Ed. - Ogden H. S. 1940; Informal. Res. - 2505 Tyler Ave., Ogden, Utah; 2514 N. Commonwealth, Los Angeles, Calif.

ROECKER, ROBERT MAAR (Nov. 30, 1922, Buffalo, N.Y. —). Herpetologist. Ed. - Cornell.

ROHWER, SIEVERT ALLEN (Dec. 22, 1887, Telluride, Colo. —). Entomologist; hymenopterist. Ed. - Colorado. Res. - Bureau Entomology, U.S. Dept. Agri. 1909-28, asst. chief plant quarant. & control admin. 1928-31, bur. ent. & plant quarant 1931-.

ROLFS, PETER HENRY (Apr. 17, 1865, Le Claire, Iowa —). Botanist; pathologist; physiologist; bacteriologist; entomologist. Ed. - Iowa State. Res. - Iowa State 1891-92; Clemson, S.C. 1899-1901; U.S. Bur. Plant Ind. 1901-1906; University of Florida 1892-99; 1906-21 Gainesville, Fla., 1906-, dean coll. agr. 1915-21; State Minas Gerais 1929-33; Retired, 1422 W. Arlington St., Gainesville, Fla.

ROLKER, A. W. (1903, Gen.)

ROMANS, BERNARD (c. 1720, Netherlands — c. 1784; Died at sea). Surveyor; cartographer; naturalist; engineer. Ed. - England. Res. - Surveyor 1757-1773. Brit. Govt. and others ;Southern Eastern States, U.S.A.; Hartford, Conn.; War

of Revolution; Wethersfield, Conn.; England 1779-1784; embarked 1784 for America.

ROOT, LOUIS A. (1928, Wisc.)

ROSS, ROLAND CASE (Nov. 14, 1896. Akron, N.Y. —). Naturalist; extension teacher; nature study specialist. Ed. - Calif. (Los Angeles); Calif. Tech. Res. - Asst. Superv. Nat. Study, Los Angeles, City Schools, 1920-1932; Extens. Inst. Univ. Calif. 1935-40.

ROY, ELIAS (1903, Que.)

RUEPPELL, EDUARD (i.e. Wilhelm Peter Edward Simon) (Nov. 20, 1794, Frankfurt-a-Main — Dec. 11, 1884, Frankfurt-a-Main). Astronomer; traveler; naturalist; zoologist. Ed. - Private, Gymnasium Darmstadt. Res. - Travels in France, Spain, England, Italy, Africa, Arabia.

RUSCHENBERGER, W. S. W. (1842, Gen.)

RUST, HORATIO NELSON (May 11, 1828, Amherst, Mass. — Nov. 14, 1906, South Pasadena, Calif.) Physician; druggist; archaeologist. Ed. - Informal. Res. - Collinsville, Conn. 1851-1853; salesman N.Y. drug firm 15 yrs.; Medical Corps 16th Conn. Regt. 1861-66; Storage warehouses Chicago 1873; orange culture Pasadena 1882-; Ind. agent Southern California 1889-; collection at Smithsonian Inst. and Beloit College.

RUTHLING, PAUL D. R. (May 6, 1897, N.Y.C. —). Naturalist; collector; herpetologist. Ed. - High & night school; informal. Res. - Pres. Lorquin Nat. Hist. Club, Los Angeles, Calif.; Field work, Am. Mus. Nat. Hist. and Calif. Acad. Sciences 1920-27; Carmel, Calif.; 213, Santa Fe, N.M. 1940-.

RUTHVEN, ALEXANDER GRANT (Apr. 1, 1882, Hull, Iowa —). University president; herpetologist. Ed. - Morningside College; Michigan. Res. - University of Michigan, Ann Arbor, Mich. 1906-. prof. 1915-29, pres. 1929-.

RUTLEDGE, ARCHIBALD HAMILTON (Oct. 23, 1883, McClellanville, S.C. —). Teacher; writer. Ed. - Porter Acad., Charleston; Union. Res. - Mercersburg, Pa.; authors poems, books, articles from 1907-; poet laureate S.C.; Hampton Plantat ion. McClellanville, S.C.

SAFFORD, WILLIAM EDWIN (Dec. 14, 1859, Chillicothe, O. — Jan. 10, 1926, Washington, D.C.) Botanist; ethnologist. Ed. - U.S. Naval Acad.; Yale; Harvard. Res. - U.S. Navy 22 yrs. - 1902; botanist U.S. D. Agr.; Guam 1899-1900; Econ. botanist U. S. Dept. Agr. 1915-1926.

SAGER, ABRAM (Dec. 22, 1810, Bethlehem, N.Y. — March, 6, 1877, Ann Arbor Mich.) Physician; botanist; zoologist; geologist; obstetrician. Ed. - Troy Polytechnic; medicine in Albany; Yale; Med. School (Castleton, Vt.) Res. - Detroit; Jackson, Mich.; Mich. Geol. Survey 1837-40; Univ. of Michigan 1842-1875.

SALVIN, OSBERT (Feb. 25, 1835, Elmshurst, Finchley Middlesex — June 1, 1898). Naturalist; ornithologist; entomologist; palaeontolgist. Ed. - Manor House, Finchley; Westminster School; Trinity College, Cambridge. Res. - Tunis Eastern Algeria; Central America W. I. 1857-1865; trip Cent. America 1873; Cambridge 1876-1882.

SANDERS, OTTYS (Tex.) P.O. Box 4084, Station A, Dallas 8, Texas. 1948.

SANFORD, SAMUEL NEWTON FALLUS (Aug. 2, 1872, Westport, Mass. —). Invertebrate biologist; botanist. Ed. - Harvard. Res. - High schools Mass. 1906-18; asst. curator and curator invertebrates and botany Boston Soc. Nat. Hist. 1918-1943.

SANGER, MAJOR D. B. (1931, Tex.) Res. - Fort Bliss.

SASS, HERBERT RAVENEL (Nov. 2, 1884, Charleston, S.C. —). Author. Ed. - Coll. Charleston. Res. - 22 Legare St., Charleston 2, S.C.; writer of stories, mag. articles 1926-.

SAUVAGE, HENRI EMILE (1844 — 1917) Herpetologist; ichthyologist; palaeontologist.

SAVAGE, J. (1878)

SAY, THOMAS (June 27, 1787, Philadelphia, Pa. — Oct. 10, 1834, New Harmony, Ind.) Pharmacist; traveler; entomologist; conchologist; palaeontologist. Ed. - Friends' School, Westtown, Pa. Res. - Academy of Natural Sciences, Phila., Pa.; War of 1812; Curator Am. Phil. Soc.; Univ. of Pa; New Harmony, Ind.

SCHAEFER, WALTER HERBERT (May 1, 1902, Tacoma, Wash. —). Physiologist. Ed. - Wisconsin. Res. - Wisconsin 1934-35; Salem College, Salem, W.Va. 1935-.

SCHENCK, JACOB (Dec. 11, 1841, New Harmony, Ind. — Dec. 18, 1904, Mt. Carmel, Ill.) Botanist; anthropologist; zoologist; physician; entomologist; naturalist. Ed. - Northwestern. Res. - Physician, Mt. Carmel, Ill.

SCHEPPEGRELL, WILLIAM (Sept. 22, 1860 — Aug. 9, 1928) Physician; electrical

engineer; naturalist; writer; publicist; hay fever specialist. Ed. - Coll. of Charleston; Med. Coll. S.C.; Northwestern. Res. - Charleston; New Orleans 1890-1928; physician Mt. Carmel, Ill.

SCHERER, JOSEPH

SCHINZ, HEINRICH RUDOLF (Mar. 30, 1777, Zurich — Mar. 8, 1861, Zurich). Naturalist; mammalogist; ornithologist; comparative anatomist; physician; zoogeographer. Res. - Inst. de Med. Zurich 1804-1833; Gym. l'ecole ind. 1833-35; Univ. Zurich 1833-1855; Grand Conseil 1815-1839; Pres. Soc. Sci. Nat.; etc.

SCHLEGEL, HERMANN (1804, Altenburg — Jan. 17, 1884) Herpetologist; ornithologist; mammalogist. Res. - Vienna; Director Reichsmus Leyden 1858-; 1881-82 Univ. Mus. Leyden.

SCHMARDA, LUDWIG KARL (Aug. 23, 1819, Olmutz — Apr. 7, 1908, Vienna). Conchologist; invertebrate zoologist; ichthyologist; zoogeographer. Ed. - Vienna. Res. - Univ. Graz 1850-52; Prague; Trips to Ceylon, Africa, Australia, South America, West Indies, U.S.A., Canada 1852-57; Vienna 1862-1883.

SCHMID, CARL ( ). Ichthyologist; mammalogist; ornithologist.

SCHMIDT, FRANKLIN JAMES WHITE (July 25, 1901, Lake Forest, Ill. — Aug. 8, 1935, Stanley, Wisconsin). Mammalogist; ornithologist; herpetologist. Ed. - Wisconsin. Res. - Field Mus. 1924-26; Wood Co. Wisc. 1930-35; Guatemala 1933-1934; Research Assistant Univ. Wisconsin 1930-; brother of **Karl Patterson** Schmidt.

SCHMIDT, F. N.

SCHMIDT, KARL PATTERSON (June 19, 1890, Lake Forest, Ill. —). Systematic zoologist; herpetologist; palaeontologist. Ed. - Cornell. Res. - Am. Mus. Nat. Hist. 1916-1922; Field Museum of Natural History 1922-; Guggenheim Fellow 1932-33; Trips to W. I., Cent. Amer., S. Amer., Pacific, Europe; herpetologic editor - Biol. Abstracts, Copeia, Am. Midl. Naturalist; chief curator biol. depts. Chicago Museum Nat. Hist.

SCHMIDT, P. (1931, Gen.)

SCNEIDER, JOHANN GOTTLOB (Jan. 18, 1750 "Kalm pres de Hubertboug" Wurzen Saxony or Collmen — Jan. 13, 1822, Breslau or Frankfort-on-the-Oder). Philologist; naturalist; ichthyologist; lexicographer. Ed. - Gottingen; possibly Leipzig. Res. - Prof. Frankfort-on-the-Oder, 1776; prof. Breslau 1811.

SCHOEPFF, JOHANN DAVID (Mar. 8, 1752, Wunsiedel, Germany — Sept. 10, 1800, Bayreuth). Physician; traveler; herpetologist; ichthyologist; scholar in Americana. Ed. - Private tutors; Gymnasium, Hof; Erlangen; War of Revolution. Res. - Ansbach; U.S. War of Revolution (Brit. Service); Travel in U.S.A. 1783, 1784; Bayreuth.

SCHREBER, CARL V.

SCHREBER, JOHANN CHRIST (Jan. 17, 1739, Weissenseen, Thuringia — 1810). Physician; naturalist.

SCHREBER, JOHN FRIEDRICH (1705, Konigsberg — 1760, Petersburg).

SCHREITMULLER, WILHELM (1925)

SCHRENKEISEN, RAYMOND MARTIN (July 6, 1894, N.Y.C. — July 6, 1936, N.Y.C.) Ichthyologist; sportsman. Ed. - Columbia Grammar S.; Columbia; Rutgers. Res. - 10 yrs. fishing tackle dept. Abercrombie & Fitch; editorial staff Forest & Stream and Field & Stream; Assoc. edit. Field & Stream Feb. 1929-1936.

SCHWARDT, HERBERT HENRY (Mar. 14, 1903, Savonburg, Kan. —). Entomologist; herpetologist. Er. - Kan State. Res. - Jr. Entomologist U.S. D. A. at Bentonville, Ark. 1927-28; Asst. Entom. Ark. Agr. Expt. Sta. 1928-38; same, N.Y. Agr. Expt. Sta. 1938-, asst. prof. Cornell 1938-.

SCHWEIGGER, A. F. ( ). Naturalist; traveler; zoologist; comparative anatomist. Res. - Prof. in Giessen 1846.

SEGOND, L. A. ( ). Physiologist; comparative anatomist; physician; author. (1872, Gen.)

SEISS, COVINGTON FEW (— Sept. 5, 1915, Phila., Pa.) Herpetologist; entomologist; general zoologist; ornithologist; artist; osteologist. (1890. Gen.) Res. - 1338 Spring Garden St., Phila., Pa., 1877-1915.

SELOUS, PERCY SHERBORN (— Apr. 7, 1900). Big game hunter; traveler. (1897, Mich.)

SETH-SMITH, D. (1934, Gen.)

SETON, ERNEST THOMPSON (Ernest Evan Thompson or Ernest Seton Thompson) (Aug. 14, 1860, S. Shields, Eng. —). Naturalist; animal painter; lecturer; author. Ed. - Toronto Collegiate Inst.; Royal Academy, London; Paris. Res. - Artist, naturalist Manitoba government 1895-1911; N.Y. City and Cos Cob, Conn.; of Seton Village, Santa Fe, New Mexico.

SETON, W. (Gen.)

SHALER, NATHANIEL SOUTHGATE (Feb. 21, 1841, Newport, Campbell Co., Ky. — Apr. 10, 1906, Cambridge, Mass.) Geologist; glaciologist; palaeontologist. Ed. - Private instruction; Harvard. Res. - Civil War; Kentucky Geol. Survey; U.S. Geol. Survey; Harvard University; Cambridge, Mass.

SHARP, DALLAS LORE (Dec. 13, 1870, Haleyville, N.J. — Nov. 29, 1929). Clergyman; writer; librarian; naturalist. Ed. - Brown; Boston University School of Theology. Res. - Detroit; Porter, Mass.; Brockton Heights, Mass.; Boston Univ.

SHATTUCK, GEORGE BURBANK (Sept. 23, 1869, Lowell, Mass. —). Geologist; physiographer; palaeontologist. Ed. - Amherst; Johns Hopkins. Res. - Johns Hopkins University 1897-1906; Vassar 1906-1919; Exped. Africa 1920; Famous Players-Lasky Corp.; Johns Hopkins Univ.

SHAW, CHARLES E. 1846 Montecito Way, San Diego, California, 1948.

SHAW, GEORGE (Dec. 10, 1751, Bierton, Buckinghamshire — July 22, 1813, British Museum). Naturalist; zoologist; physician; minister. Ed. - Informal; Magdalen Hall, Oxford; Edinburgh. Res. - Deacon 1774 Buckden etc.; Oxford; London; British Museum.

SHELDON, D. (1929, Ohio.)

SHELFORD, VICTOR ERNEST (Sept. 22, 1877, Chemung, N.Y. —). Zoologist; ecologist; entomologist; zoogeographer. Ed. - W. Va. University; Chicago. Res. - West Va. 1900-01; Chicago 1904-14; Univ. Illinois 1914-, prof. 1927-, emer.

SHERMAN, FRANKLIN, Jr. (Nov. 2, 1877, McLean or Ashgrove, Va. — June 23, 1947). Entomologist; vertebrate zoologist; herpetologist. Ed. - Cornell. Res. - Ont. Agricultural College, Guelph, Ont. 1905-06; N.C. State Dept. Agr. 1906-25; N.C. Expt. Sta. 1914-1925; Clemson Agricultural College, S.C. 1925-.

SHIELDS, FRANCIS BERNARD (March 2, 1908, N.Y. City —). Artist; "psycoanalyst". Ed. - Freeport L.I. High school; Columbia; Nat. Acad. Design Art School 4 yrs.; "psycoanalysis" under Ann Mozer also a member of Dr. Carl Jung's Seminar 3 yrs. Res. - Staff artist, Div. Mammals, Am. Mus. Nat. Hist. 5 years; illustrator fine artist; private teacher magazine and newspaper writer, 10 yrs. N.Y.C.

SHIMEK, B. (1924, Gen.)

SHORTT, H. E. (1935, Gen.)

SHOUP, CHARLES SAMUEL (July 8, 1905, Mexico, Mo. —). Physiologist. Ed. - Cent. Coll. (Mo.); Princeton. Res. - Princeton 1926-28; Vanderbilt 1929-40, assoc. prof. 1940-.

SHREVE, B. (1936, Utah). 29 Chestnut St., Salem, Mass.; Mus. Comp. Zool., Cambridge, Mass., 1948.

SHUFELDT, ROBERT WILSON (Dec. 1, 1850, New York — Jan. 21, 1934, Washington, D.C.) Surgeon; osteologist; comparative anatomist; ornithologist; anthropologist. Ed. - Cornell; Medical School Columbian University. Res. - Civil War; Army Medical Mus., Washington; Smithsonian Inst.; 471 West 145 St., N.Y.C.

SIBLEY, WALTER K. (1890, Gen.)

SIEBENROCK, F.

SILLIMAN, BENJAMIN (Aug. 8, 1779, North Stratford (Trumbull), Conn. — Nov. 24, 1864, New Haven, Conn.) Chemist; pharmacist; mineralogist; geologist; lawyer. Ed. - Yale. Res. - School Wethersfield 1797; Yale College 1799-; founder Am. Journal of Science 1818-; many honors trips, works.

SILVER, JAMES (March 9, 1890, Kansas City, Mo. —). Economic mammalogist. Ed. - Colorado School Agriculture. Res. - U.S. Biological Survey, Washington, D.C. 1913-36, biol. & reg. dir. 1936-41, fish and wild life U.S. D. A. 1941-.

SIMONDS, PETER LUND (1877, Gen.)

SIMPSON, C. R.

SIMPSON, SUTHERLAND ERIC ROGNVALD (June 11, 1898, Edinburgh, Scotland —). Physician. Ed. - Cornell; Harvard. Res. - Cornell; Rochester; Watertown. (Ont.)

SIMSON, JAMES ( ). Biographer; naturalist; gypsy authority. (1875), Gen.)

SKILTON

SLATER, JAMES A. ( ). Res. - Dept. Ento. Univ. Ill., Ill.; Dept. Zool. Iowa State, Ames, Ia. 1947.

SLATER, JAMES RODENBURG (June 11, 1890, Cairo, N.Y. —). Herpetologist; entomologist. Ed. - Rutgers; Syracuse. Res. - Prin. High school, Md. 1913-14; prof. biol. Coll. Puget Sound; 3009 N. 11th St., Tacoma, Wash.

SLATTEN, RALPH (1945, Fla.)

SLEVIN, JOSEPH R. (1913, Ariz.)

SLOANE, HANS (Apr. 16, 1660, Killileagh or White's Castle, Co. Down — Jan. 11, 1753, Chelsea). Physician; botanist; traveler. Ed. - Paris; Montpelier; University of Orange. Res. - College of Physicians 1687; Trip to West Indies 1687-1689;

Royal Society and continental academy memberships; Physician to Queen Anne and George II; Manor of Chelsea: Botanic Garden.

SMALL, HENRY BEAUMONT (Oct. 30, 1832, Market Bosworth, Leicestershire, Eng. — Feb. 6, 1919, Bermuda). Zoologist; botanist; compiler; ichthyologist; physician; microscopist; dendrologist; historian. Ed. - Kings Coll. School, London; Lincoln Coll., Oxford 1852. Res. - Jersey Channel Id. Eng. 1853; Ottawa Can. Library and Newspaper work; Prof. Sing Sing Military School 1860-61; Ottawa Civil Service 1867-1917; Bermuda 1919. A leader in Ottawa Field Naturalists' Club.

SMITH, ALBERT G. (Oct. 31, 1920, Latrobe, Pa. —). Biologist; herpetologist. Ed. - St. Vincent Coll.; Pittsburgh. Res. - Grad. Asst. Dept. Biol. Univ. Pitts. 1940-; Geneva College, Beaver Falls, Pa. 1945; Loyola Univ., Chicago 37, Ill., 1947.

SMITH, CHAS. C. (1940, Okla.)

SMITH, DAVID S. C. H. (1833, Mass.)

SMITH, EUGENE (Nov. 25, 1860, New York — Dec. 25, 1912). Civil engineer; ichthyologist; aquarist; herpetologist; sociologist. Ed. - Public and high schools Jersey City; private instruction. Res. - Hoboken, N.J.

SMITH, HARLAN INGERSOLL (Feb. 17, 1872, East Saginaw, Mich. — Jan. 29, 1940). Anthropologist; naturalist; explorer; archaeologist; curator. Ed. - Michigan. Res. - Asst. anthropologist. Columbian Exposition 1891-93; Arch. Institute Amer. ica 1894; American Museum Natural History 1895-99; Jesup N. Pacific Exped. 1897-1907; Pratt Inst. 1906-07; Anthropology Geol. Survey Can. 1911-20; Nat. Mus. Can.; retired.

SMITH, HOBART MUIR (Sept. 16, 1912, Stanwood, Ia. —). Zoologist; herpetologist. Ed. - Kansas State; Kansas. Res. - Manhattan; Lawrence; nat. res. fellow 1936-37; Smithsonian Inst. 1938-41; inst. zool. Rochester 1941-; Texas A & M; Illinois.

SMITH, MALCOLM A. (1938, Gen.) Brit. Mus. (Nat. Hist.) Cromwell Rd., London, S.W. 7, England.

SMITH, QUINTUS CINCINNATUS (March 1, 1842, Humphreys Co., Tenn. —). Physician; publicist. Ed. - Nashville. Res. - Practicing physician 1868-; 1055 Fifth Ave., San Diego, California, 1910.

SMITH, T. F. (1944, Texas).

SMITH, WILLIAM H. ( ). Naturalist; herpetologist; physician.

SNOW, FRANCIS HUNTINGTON (June 29, 1840, Fitchburg, Mass. — Sept. 20, 1908, Bellfield, Wisc.) Naturalist; entomologist; ornithologist; univ. president; teacher. El. - Williams; Andover Theol. Sem. Res. - Kansas 1866-, pres. 1899, chan. 1890-.

SNYDER, RICHARD CRAINE (July 6, 1918, Pittsfield, Mass. —). Ed. - Bucknell; Cornell. Res. - Dept. Zool. Cornell; Univ. of Arizona.

SOLBERG, ARCHIE NORMAN (Jan. 4, 1909, Lemmon, South Dakota —). Embryologist; radiologist. Ed. - Columbia. Res. - Inst. N. D. Coll. 1930-33; asst. Columbia 1933-36; inst. biol. Toledo 1937-39, asst. prof. 1939-.

SOMES, MELVIN PHILIP ( ). Entomologist; botanist; herpetologist; geologist; geographer. Ed. - Iowa. Res. - Fort Dodge High School; Joliet Junior Coll.; Clemson Coll.; Missouri Fruit Expt. Station 1911.

SONNINI de MANOCOURT, CHARLES NICOLAS SIGISBERT (Feb. 1, 1751, Luneville — May 29, 1812, Paris). Traveler; naturalist; ichthyologist; mammalogist; herpetologist; agriculturist. Ed. - Jesuit's College, Pont-a-Mousson. Res. - To Cayenne, Marine Engineers 1772; Peru 1774; France 1776; Egypt, Greece, Asia Minor 1777-1780; many publications 1788-1812.

SORDELLI, FERNINANDO ( ). Conchologist; herpetologist; anatomist; palaeontologist; botanist; entomologist. Res. - Mus. Civ di Stor. Natur. Milan Sez. Zool ed. Anat. comp. 1881-1911; Museum, Milan, Italy 1881-1911-.

SOWERBY, GEORGE BRETTINGHAM, Sr. (Aug. 12, 1788, Lambeth — July 26, 1854, Hanley Road, Hornsey). Conchologist; artist; malacologist; zoologist. Ed. - Private tutors. Res. - Lambeth; London; Linnaean Soc. 1811.

SOWERBY, JAMES (Mar. 21, 1757, London — Oct. 25, 1822, Lambeth). Naturalist; artist; botanist; zoologist. Ed. - Royal Academy; private with Richard Wright. Res. - Linnaean Soc. 1788; Geol Soc. 1807; many works and illustrations.

SPAID, ARTHUR RUSMISELLE MILLER (1903, Gen.)

SPEALMAN, CLAIR RAYMOND (Aug. 28, 1908, Xeta, Calif. —). Chemist; physiologist. Ed. - California. Res. - Inst. St. Louis Med. Sch. 1936-37; assoc. Med. Coll. Va. 1937-.

SPECK, FRANK GOULDSMITH (Nov. 8, 1881, Brooklyn, N.Y. —). Anthropologist; naturalist. Ed. - Columbia; Pennsylvania. Res. - University of Pennsylvania 1908-, prof. 1925-.

SPENCER, H. (1928)

SPENCER, ROBERT DOUGLAS (March 16, 1889, Kansas City, Mo. —). Physician; zoologist; chemist; pathologist; bacteriologist. Ed. - Pennsylvania State; Univ. of Pa. Med. School. Res. - Pottstown Hospital 1916; Phila. Gen. Hospital 1917-18; Army 1918-19 in charge Base Hosp. Camp Humphreys; Ashland State Hospital, Ashland, Pa. 1920-25; Gen. Practice Ashland, Pa. 1925-.

SPERRY, L. (1905)

SPERRY, W. L.

SPRAGUE, JAMES M. (1939, Kan.)

SPRINGER, STEWART (June 5, 1806, Norwich, N.Y. —). Herpetologist; ichthyologist. Ed. - Butler Univ. Res. - Marion Co., Indiana 1924-28; Caribbean Biol. Supply 1929-; Bass Lab. of Englewood, Fla.; Box 144, Stuart, Fla., 1948.

STABLER, ROBERT MILLER (Oct. 1, 1904, Washington, D.C. —). Protozoologist. Ed. - Swarthmore; Pennsylvania; Hopkins. Res. - Asst. Zool. Pa. 1929-30, asst. proto-zool. Hopkins 1930-31; inst. zool. Pennsylvania 1931-41, asst. prof. 1941-; Colo. College, Colorado Springs, Colo. assoc. prof. 1947-.

STADELMAN, RAYMOND E. (Aug. 27, 1907, Hopkinsville, Ky. —). Ed. - Kentucky; Pennsylvania. Res. - Tela Serpentarium 1930.

STANFORD, J. SEDLEY (July 14, 1891, Salt Lake City —). Entomologist. Ed. - Utah Coll.; Cornell. Res. - U.S. Dept. Agr. entomologist 1917-19; teacher to school supt. schools Ida. 1921-26; inst. zool. & ent. Utah 1929-30; asst. prof. Utah State 1930-.

STANLEY, WILLARD FRANCIS (May 11, 1901, Ames, Iowa —). Experimental zoologist; geneticist; herpetologist. Ed. - Center; Illinois. Res. - Asst. Zool. Illinois 1928-31; prof. biol. N.D. Teachers Coll., Minot 1931-35; head dept. science N.Y. State Teachers College, Fredonia, 1935-.

STANSBURY, HOWARD (Feb. 8, 1806, New York City, N.Y. — Apr. 17, 1863, Madison, Wisc.) Surveyor; engineer; soldier; explorer. Ed. - Informal. Res. - Survey projects 1827-1838; U.S. Topogr. Eng. 1838-; Great Salt Lake Expedition 1849, 1850; Civil War.

STARK, JOHN ( ). Ichthyologist; naturalist; zoologist; historian; biographer. (1828, Gen.)

STAUFFER, J. (1869, Pa.)

STEARNS, ROBERT EDWARDS CARTER (Feb. 1, 1827, Boston, Mass. — July 27, 1909, Los Angeles, Calif.) Zoologist; agriculturist; botanist; conchologist; palaeontologist. Ed. - Public schools Boston. Res. - Various places, N.Y., Ind., Mich., Calif., Fla.; U.S. F. Com. 1882; U.S. Geol. Survey 1884; U.S. National Museum; Los Angeles, Calif. 1892-.

STEBBINS, ROBERT C. (1943) Res. - asst. cur. herpet. Mus. Vert. Zool. Calif. 1945-.

STEINDACHNER, FRANZ (1867 —). Ichthyologist; herpetologist; zoologist; naturalist; palaeontologist. Res. - Nat. Hist. Museum, Vienna 1895-1914; Vienna Acad. Sci.; Linn. Soc. London; Zool. Soc. London.

STEJNEGER, LEONHARD (Oct. 30, 1851, Bergen, Norway — Feb. 28, 1943). Vertebrate taxonomist; biologist; naturalist; herpetologist. Ed. - Bergen; Christiania. Res. - U.S. National Museum.

STEPHENS, FRANK (Apr. 1849, Western, N.Y. — Oct. 5, 1937). Mammalogist; ornithologist; entomologist. Res. - Death Valley Expedition 1891; Natural History Museum, San Diego, California; Colorado Springs, Colorado; Campo, San Diego County 1876; Several field trips 1891-; San Diego, California 1897-; Several addresses, 3756 Park Blvd., 1908; R.F.D. No. 2, 1913; Balboa Park in later years.

STERNFELD, R. (1920, Gen.)

STEWART, CHARLES DAVID (Mar. 18, 1868, Zanesville, O. —). Writer; essayist. Ed. - Pub. schools Milwaukee, Wisc. - Res. Hartford, Wisc. writer 1905-1940.

STEWART, NORMAN HAMILTON (July 13, 1885, Hamilton, Ont. —). Vertebrate zoologist; entomologist. Ed. - Rochester; Michigan; Cornell. Res. - Bucknell University, Lewisburg, Pa. prof. 1910-.

STICKEL, WILLIAM H. (Nov. 8, 1912, Terra Haute, Ind. —). Herpetologist; zoologist. Ed. - Indiana State Teachers College, Terra Haute; Michigan. Res. - Teachers Asst. Michigan 1935-40; U.S. Fish & Wild Life, Bowie, Md.

STILES, R. B. (1938, Minn.)

STIRLING, MATTHEW WILLIAMS (Aug. 28, 1896, Salinas, California —). Anthropologist. Ed. - California; Geo. Washington; Tampa. Res. - California 2 yrs.; Div. Ethnology, Nat. Mus. 1921-24, chief 1928-.

STONE, WITMER (Sept. 22, 1866, Philadelphia, Pa. — May 23, 1939, Phila., Pa.) Ornithologist; vertebrate taxonomist; botanist; zoogeographer; curator. Ed. - Pennsylvania. Res. - Academy of Natural Sciences, Phila., Pa. 1891-1928, emeritus 1928-.

STONER, DAYTON (Nov. 26 or 28, 1883, North Liberty, Iowa — May 8, 1944). Ornithologist; mammalogist. Ed. - Iowa. Res. - Asst. Mus. Iowa 1908-14; instr. zool. 1919-20, asst. prof. 1920-28; U.S. Dept. Agr. entomology 1928-31; state zoologist N.Y. St. Museum 1932-.

STORER, DAVID HUMPHREYS

STORER, TRACY IRWIN (Aug. 17, 1889, San Francisco, Calif. —). Vertebrate zoologist; ecologist. Ed. - California. Res. - University of California, Berkeley 1914-1923; University of California, Davis, California 1923-.

STRADER, L. D. (1935, W. Va.)

STRADLING, W. ARTHUR ( ). Res. - Floris, Watford, Hertfordshire; Pres. Hertfordshire, Nat. Hist. Soc. 1894-1905.

STRASSER, FRED D. (1931, Tex.) Res. - El Paso, Texas.

STRAUCH, A.

STRECKER, HERMAN (Mar. 24, 1836, Phila., Pa. — 1901). Sculptor; lepidopterist; naturalist. Ed. - Frank & Marshill. Res. - Reading, Pa. 1847-1901; vocation, sculpture; avocation, natural history. Collection of 370,000 insects.

STRECKER, JOHN KERN, Jr. (July 10, 1875, Waterloo, Ill. — Jan. 9, 1933, 328 N. 11th St., Waco, Texas). Herpetologist; ornithologist; mammalogist; conchologist; general all-around naturalist; folk lore specialist. Ed. - Informal; Baylor. Res. - Curator Baylor Museum 1903-1933; librarian Baylor Univ. 1919-33.

STREET, J. FLETCHER (June 11, 1880, Beverly, N.J. —). Ornithologist; naturalist; architect. Ed. - Farnum Prep. School, Beverly, N.J. Res. - Beverly practicing architect.

STREETS, THOMAS HALE (1847 — Mar. 3, 1925, Wyncote, Pa.) Malacologist; anatomist; surgeon; ornithologist; naturalist; genealogist. Ed. - Pa. Res. - U.S. Navy 1872-1898; Spanish-American War; Med. Inspector Naval Lab. or hospital Brooklyn, 1898-1912; U.S.N. 1902-14; 135 Mt. Airy Ave.; Philadelphia, Pa. 1912; Medical Insp.; Captain, retired Wyncote, Pa. 1914-25.

STUART, LAURENCE COOPER (July 9, 1907, Dubois, Pa. —). Herpetologist. Ed. - Michigan. Res. - Univ. of Michigan, Ann Arbor, Mich., 1933-; research assoc 1938-.

STULL, OLIVE GRIFFITH (See Mrs. L. E. Davis).

SUCKLEY, G. (1830-1869) Traveler; naturalist; physician.

SUMICHRAST, FRANCIS E. (Oct. 15, 1828, Ivorne, Vand, Switzerland — Sept. 26, 1882, Tonala, Mex.) Herpetologist; ornithologist; explorer; naturalist. Res. - Last half of his life in Mexico; explorations in Cent. Amer. and Mexico.

SURFACE, HARVEY ADAM (July 25, 1867, Waynesville, Ohio —). Economic zoologist; entomologist; ichthyologist; herpetologist. Ed. - Ohio State; Illinois; Cornell. Res. - Cornell; Ohio Geol. Survey; University of Pacific; Penn State; Zoologist, Harrisburg, Pa., Selingrove, Pa.

SVIHLA, ARTHUR (Oct. 19, 1902, Chicago, Ill. —). Vertebrate zoologist. Ed. - Illinois; Michigan. Res. - La. Cons. Dept. 1925-27; Charles R. Conner Museum, Pullman, Wash. 1930-37, assoc. prof. 1937-38; Washington (Seattle) 1938-, exec. off. 1943-.

SVIHLA, RUTH DOWELL (MRS.) (Mrs. Arthur Svihla nee Ruth Isabel Dowell) (Jan. 30, 1897, Smithfield, R.I. —). Mammalogist; zoologist; botanist. Ed. - Smith; Illinois; Michigan. Res. - Louisiana 1925-27; Michigan 1930 (grad.); Pullman, Wash. 1930-; Univ. Washington 1940-.

SWAINSON, WILLIAM (Oct. 8, 1789, Liverpool — Dec. 7, 1855, Fern Grove, Hutt Valley, N.Z.) Author; naturalist; explorer; collector; artist; taxidermist. Ed .- Informal. Res. - Junior Clerk Liverpool Customs; Commissariat to Malta and Sicily 1807-1815; retired asst. Commissary-general; Brazil and Africa 1816-1818; Liverpool; London 1825; Warwick; 1837-1855 New Zealand.

SWANSON, PAUL L. (Aug. 6, 1906, Pittsburgh, Pa. —). Forester; herpetologist; naturalist; conservationist. Ed. - Pa. State Foresty School, Mt. Alto, Pa. Res. - Salesman 1926-38; U.S. Forest Service, Fla. 1928; U.S. Dept. Agr. Land. Utilization Rural Settlement, Wildlife Management and Erosion Control 1935-38; trips Mexico, Canada, Swanson Bros. Nursery, Polk, Pa. 1929-40.

SWARTH, HARRY SCHELWALD (Jan. 26, 1878, Chicago, Ill. — Oct. 22, 1935, Berkeley, Calif.) Ornithologist; mammalogist; naturalist. Ed. - High school. Res. - Field Museum Nat. Hist. 1905-1908; Mus. Vert. Zool. Univ. of Calif. 1908-1912; Mus. Hist., Science nad Arts, Los Angeles 1913-1915; Mus. Vert. Zool. Berkeley 1915-, Calif. Acad. Sci., San Francisco, 1928-.

SWIFT, LLOYD WESLEY (Sept. 4, 1904, Ione, Calif. —). Forester. Ed. - California. Res. - U.S. Forest Service; Plumes N. F. Quincy, Calif. 1930-35; Reg. Off. Calif. Reg. 1935-37; Calif. For. & Range Exp. Sta. 1937-38, Berkeley; Reg. Off. Rocky Mt. Reg. Denver 1939-41 Denver; asst. chief div. wild life manage-

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ment 1941-, chief.

TAIT, JOHN (Apr. 18, 1878, Orkney Islands, Scotland —). Physiologist; surgeon. Ed. - Edinburgh. Res. - House surgeon Leith Hosp. 1904-05; asst. physiol. Edinb. 1905-07; lecturer exp. physiol. 1907,19, prof. physiol. McGill Univ. 1919-1940.

TANNER, VASCO, MYRON (Oct. 29, 1892, Payson, Utah —). Vertebrate zoologist; entomologist. Ed. - Brigham Young; Utah; Stanford. Res. - Dixie Coll., St. George, Utah 1916-24; Brigham Young Univ. 1925-, prof 1925; editor Great Basin Naturalist.

TANNER, WILMER W. (Dec. 17, 1909, Fairview, Utah —). Ed. - Brigham Young; Kansas. Res. - Head Biol. Sci., Provo High School; Provo, Utah 1937-1940; Dept. Zool., Kansas, 1948.

TAYLOR, EDWARD HARRISON (April 23, 1889, Maysville, Mo. —). Herpetologist; mammalogist. Ed. - Kansas. Res. - Bur. Science P.I. 1916-20; Univ. Phila. 1923-24 head dept. zool.; Exploration P.I. 1912-16; 1920-23; University of Kansas, Lawrence, Kan. 1927-, prof. 1934-.

TAYLOR, F. SHERWOOD (1937)

TAYLOR, RICHARD COWLING (Jan. 18, 1789, Hinton, Suffolk or Banham at Norfolk — Nov. 26, 1851, Phila., Pa.) Antiquarian; surveyor; geologist; coal expert. Ed. - Halesworth private instruction. Res. - Land surveyor Norwich 1813; London 1826; U.S.A.; Penn. Cuba; British provinces 1830-.

TAYLOR, W. EDGAR ( ). Herpetologist; biologist. (1892, Nebraska).

TAYLOR, WALTER PENN (Oct. 31, 1888, Elkhorn, Wisc. —). Vertebrate zoologist; ecologist; conservationist. Ed. - California. Res. - Asst. biol. Throop 1906-08; asst. California 1909-16; Fish & wild life service U.S. D. I. 1916-24; biol. 1924-28, senior. Arizona 1928-35; sen. biol. Texas A & M Texas 1935-; Univ. Okla.

TERRON, CARLOS CUESTA (1921, Gen.)

TEST, FREDERICK CLEVELAND ( ). Herpetologist; zoogeographer; anatomist; physician; ornithologist. (1893, Mont.; 1892, Texas).

TEVIS, LLOYD, Jr. (1944, L. C.) Box 1416, Carmel, California.

THOMPSON, CRYSTAL (July 5, 1887, Cassopoles, Mich. —). Zoologist; herpetologist; ecologist; curator. Ed. - Michigan. Res. - Michigan 1908-1918; Amherst 1918-; Michigan.

THOMPSON, HELEN (see Gaige, Mrs. H. T.)

THOMPSON, JOSEPH CHEESMAN ( ). Surgeon; herpetologist; arthropologist; ethnologist; comparative anatomist.

THOMPSON, ZADOCK (May 23, 1796, Bridgewater, Vt. — Jan. 19, 1856, Burlington, Vt.) Historian; editor; mathematician; naturalist; botanist; zoologist. Ed. - Vermont. Res. - Univ. of Vermont; Vt. Geol. Survey; State Naturalist; Burlington, Vermont.

THOMSON, JOHN ARTHUR (1861, East Lothian —). Zoologist; curator. Ed. - Salton; Gifford; Edinburgh; Jen; Berlin; Edinburgh.

TIHEN, JOE A. (1938, Kan.) Harper, Kansas, 1948.

TIXIER, VICTOR ( ). Traveler. (1870, Gen.)

TOBIASZ, EDWARD C. (1941, Ill.)

TONER, GEORGE CLIVE (July 29, 1899, Kingston, Ontario —). Naturalist; conservationist; herpetologist; ichthyologist; ornithologist. Ed. - Queens Univ. Res. - Canadian Army 1916-19; Hospital to 1928; Queens 1928-34; writer in Ontario newspapers 1935-40; Eastern Ontario Fish & Game Protective Assn., Cataragui, Ontario 1940; 24 Bernard Ave., Toronto, Canada.

TOPLIS, JOHN ( ). Mathematician; physical geographer; metereologist. (1804, Gen.)

TOWNSEND, CHARLES HASKINS (Sept. 29, 1859, Parnassus, Pa. — Jan. 12, 1944). Oceanographer; ichthyologist; naturalist; explorer. Ed. - Academy Nat. Sciences, Phila. 1882-83; U.S. Fish Commission 1883-1902. Res. - N.Y. Aquarium 1902-37, now Orienta Point, Mamaroneck, N.Y., director; retired 3985 Douglas Rd., Coconut Grove, Florida.

TRAPIDO, HAROLD (Dec. 10, 1916, Newark, N.J. —). Herpetologist: botanist; zoologist; naturalist. Ed. - Cornell. Res. - Newark, N.J.; Cornell 1934-; Trips to Tenn., Quebec, S.C., etc.; Gorgas Mem. Lab. Panama; Apartado 1252, Panama, Republic of Panama.

TREADWELL, AARON LOUIS (Dec. 23, 1866, Redding, Conn. — June 24, 1947). Biologist; invertebrate zoologist; curator. Ed. - Wesleyan; Chicago. Res. - Wesleyan 1888-91; Miami 1891-1900; Vassar College 1900-1937, emer. 1937-; Curator Am. Mus. Nat. Hist.

TRECUL, AUGUSTE ADOLPHE LUCIEN (Jan. 8, 1818, Mondoubleau — Oct. 15, 1896, Paris). Botanist; morphologist; physiolgoist; pharmacist. Ed. - Hospital of Paris, etc. Res. - Natur. Mus. Trip to U.S.A. and Mexico 1847-50; Adversary of Pasteur 1868-78; Academie des Sciences 1866.

TROOST, GERARD (Mar. 15, 1776, Bois-le Duc, Holland — Aug. 14, 1850, Nashville, Tenn.) Physician; chemist; geologist; naturalist; pharmacist; mineralogist. Ed. - Leyden; Amsterdam; Paris. Res. - Pharmacist, Amsterdam, The Hague; in Army 1807; Holland; in Paris; Acad. Nat. Sciences, Phila.; Phila. Museum 1821; Phila. College of Pharmacy; New Harmony, Ind. 1826; Univ. of Nashville, Tenn. 1827; Geol. Survey 1832-1850.

TROSCHEL, FRANZ HERMANN (Oct. 10, 1810, Spandau — Nov. 3, 1882, Bonn). Conchologist; ichthyologist; herpetologist; mammalogist; invertebrate zoologist. Ed. - Res. - Custodian Zool. Mus. and Privat-docent, Univ. Berlin 1840-49; Councillor and Prof. Bonn at death.

TROWBRIDGE, ALBERT HENRY (Sept. 8, 1906, Bellows Falls, Vt. —). Biologist; wild-life specialist. Ed. - Okla. A. & M.; Oklahoma. Res. - Mus. Asst. Oklahoma 1933-34, asst. 1934-36; spec. inst. 1937; Biologist U.S. Biol. Surv. 1937-40; U.S. Fish & Wildlife 1940-.

TRUE, FREDERICK WILLIAM (July 8, 1858, Middletown, Conn. — June 25, 1914). Zoologist; mammalogist; ichthyologist. Ed. - N.Y. University. Res. - U.S. Fish Commission; Tenth U.S. Census; U.S. National Museum, Washington, D.C.

TRUITT, REGINALD VAN TRUMP (Aug. 12, 1891, Snow Hill, Md. —). Aquatic ecologist; zoologist. Ed. - Maryland; American University. Res. - Prin. high schools, Md. 1914-18; University of Maryland, College Park, Md. 1918-, prof. 1922-.

TSCHUDI, JOHANN JAKOB von (July 25, 1818, Glarus — Oct. 8, 1889). Traveler; naturalist; ethnologist; herpetologist; ornithologist. Ed. - Neufchatel; Leyden; Paris. Res. - Peru 1838-1843; Vienna 1843; S.A. 1857-59; Brazil 1860-68; Minister to Vienna 1868-1883.

TUCKER, HENRY (1871 — July 21, 1938, Phila., Pa.) Physician; editor; ornithologist. Ed. - Jefferson Med. (Phila.). Res. - Physician, Phila., Pa. until approx. 1920; Regt. surg., Sapper Regt., World War 1918; Talbot Co., Md.; Miami, Fla.; Various addresses: 119 S. 20th St., 1906; 2000 Pine St., 1908-18; 1818 Pine St., 1919-, Phila.

TURNER, CHARLES HENRY (Feb. 3, 1867, Cincinnati, O. — Feb. 14, 1923, Chicago, Ill.) Teacher; psychologist; zoologist. Ed. - Ohio; Chicago. Res. - Clark Univ., Georgia 1892-1905; Cleveland Tenn. 1905-06; Haynes Normal 1907-08; Summer Teachers Coll. St. Louis 1908-1923.

TWINING, HOWARD (1941, Calif.) 1412 Salem St., Chico, Calif., 1947.

UHLER, FRANCIS MOREY (Jan. 26, 1902, St. Peter, Minn. —). Ornithologist; economist; zoologist; herpetologist; botanist; aquatic biologist; mammalogist. Ed. - Gustavus Adolphus Coll.; George Washington. Res. - U.S. Biological Survey, Food Habits Division 1924-40; div. wildlife res., fish & wild life U.S. D. I. 1940-; Patuxent Research Refuge, Bowie, Md.

UNDERHILL, CHARLES REGINALD (Nov. 2, 1874, Chappaqua, N.Y. —). Physicist; electrical engineer; writer. Ed. - Private tutors. Res. - Atlantic City, N.J.; Western Electric Co. 1892-1900; Jersey City and Providence 1900-1904; N.Y. City 1904-1909; Pittsburgh 1909-1910; Muskegon, Mich. 1910-11; New Haven 1911-1921; L.I. City 1926-1929; Lower Bank, N.J.

VALENCIENNES, ACHILLE (Aug. 9, 1794, Paris — April 13, 1865, Paris.) Zoologist; ichthyologist; conchologist; marine zoologist; collaborator. Ed. - Rouen. Res. - Preparator Museum 1812-; Museum 1832; Institut 1844.

VALMONT de BOMARE, J. C. (1800-, Gen.)

VAN CLEVE, HARLEY JONES (Oct. 5, 1886, Knoxville, Ill. —). Zoologist; parasitologist; aquatic biologist. Ed. - Knox College; Illinois. Res. - University of Illinois, Urbana, Ill. 1913-1929, prof. 1929.

VAN DENBURGH, JOHN (Aug. 23, 1872. San Francisco, Calif. — Oct. 24, 1924, Honolulu). Herpetologist; physician; zoogeographer; ornithologist; naturalist; co-organizer Cooper Ornith. Club. Ed. - Univ. of the Pacific; Stanford; Johns Hopkins. Res. - Curator, Calif. Acad. Sciences 1894-; Los Gatos, Santa Clara Co.

VAN DUYN, GUY (1892, Harrogate, Tenn. —). Artist; writer; wildlife specialist. Ed. - Stockholm and Vaisteiville, Sweden; Yosemite School Nat. Hist. Res. - Florida 1917- art and writing; wildlife technician U.S. D. A. 1936-38, Brooksville, Florida; U.S. D. I., N. P. S. Myakka River State Park, Sarasota,

Fla, 1938-40; Highlands Hammock State Park, Lebung, Fla., 1948.

VAN HYNING, OATHER C. (Mar. 9, 1901, Des Moines, Ia. —). Naturalist; herpetologist; ichthyologist; mammalogist. Ed. - Florida; Cornell. Res. - Ithaca 1930, 1933; Gainesville 1931, 1932; Eustis 1934-.

VAN VLECK, BALFOUR H. ( ). Comparative anatomist; physiologist; biologist. (1874, Gen.)

VAN WAGENEN, GERTRUDE (May 23, 1893, Rock Rapids, Iowa —). Anatomist; zoologist. Ed. - Iowa; Stanford '91. Res. - Asst. Iowa 1913-20; inst. anat. Stanford 1920-21; med. sch. California 1921-27; Stadt Krankenhaus, Frankfurt 1927-29; Hopkins 1929-30; Yale 1931-, assoc. prof. 1938-.

VERRILL, ADDISON EMERY (Feb. 9, 1839, Greenwood, Me. — Dec. 10, 1926, Santa Barbara, Calif.) Marine invertebrate zoologist; oceanographer; comparative anatomist; geologist; curator. Ed. - Norway Liberal Inst., Norway, Me.; Harvard; Yale. Res. - Museum of Comparative Zoology, Harvard; Wisconsin U.S. Fish Commission; Peabody Museum, Yale University, New Haven, Conn.

VERRILL, GEORGE ELLIOT (1866 —). Ornithologist; engineer zoologist. (1892, Gen.)

VESTAL, E. H. (1941, Calif.)

VILLADA, MANUEL MARIA ( ). Herpetologist; mammalogist; botanist; entomologist; geologist; palaeontologist.

VIOSCA, (PAUL) PERCY, Jr. (June 24, 1892, New Orleans, La. —). Aquatic ecologist; herpetologist; entomologist; conservationist. Ed. - Tulane. Res. - Formerly La. Dept. Conservation 1917-1926, 1936-42; now Southern Biological Supply Co., New Orleans, La. 1915-; inst. med. ento. Tulane 1923-26.

VISHER, STEPHEN SARGENT (Dec. 15, 1887, Chicago, Ill. —). Geographer; geologist; conservationist. Ed. - Lewis Institute; Chicago; South Dakota; Yale. Res. - South Dakota 1910-1913; Minn. State Norm. School, Moorhead 1915-1917; Univ. of South Dakota; Cornell; Indiana University, Bloomington, Ind. 1919-, prof. 1936-.

VON BLOEKER, JACK CHRISTIAN, Jr. (July 11, 1909, Sacramento, Calif. —). Zoologist; collector. Ed. - California; Univ. Calif. (Los Angeles). Res. - O'Rourke Zool. Inst., San Diego, Calif. 1926-28; Cal. Tech. Los Ang. Mus. 1929-32; Zool. Dept. Los Angeles Jr .Coll. 1932-35; San Diego Nat. Hist. Mus.; Res. Assoc. Mus. Vert. Zool., Calif. 1937-.

VORHIES, CHARLES TAYLOR (Sept. 7, 1879, Mt. Pleasant, Iowa —). Economic zoologist and entomologist; desert ecologist and conservationist. Ed. - Iowa Wesleyan; Cornell; Wisconsin. Res. - Inst. biol. Iowa Wesleyan 1902-04; asst. Wisconsin 1904-08; prof. Utah 1908-1915; Arizona 1915-16, prof. 1916-18 zool., entom 1918-36, econ. zool. 1936-.

VOSMAER, ARNOUT (1720-1799).

WAGLER, JOHANN GEORGE (March 28, 1800, Nuremberg — August 23, 1832, Munich). Herpetologist; ornithologist; mammalogist. Ed. - Gymnasium Nuremberg; Erlangen; Leipzig. Res. - Mus. Acad. Sci. Munich; trips to Holland, France, England; Univ. Munich 1827-.

WAGNER, GEORGE (Feb. 4, 1873, New Ulm, Minn. —). Zoologist; palaeontologist. Ed. - Michigan; Kansas. Res. - Northwestern 1893-95; Kansas 1895-97; Michigan 1897-03; Wisconsin; Madison, Wisc. 1903-, prof. 1931, emer. 1943-; 546 Washington Avenue, Palo Alto, California.

WALCOTT, J. (1788, Gen.)

WALKER, CHARLES FREDERIC (Dec. 27, 1904, Columbus, Ohio —). Herpetologist; ornithologist; ecologist. Ed. - Ohio State; Michigan. Res. - State Mus. Ohio 1927-33; U.S. Soil Conserv. Service 1935-1938; Assoc. Prof. Ohio State Univ.; Put in Bay 1938-; Assoc. cur. herpetol. Univ. Mus. Mich. 1947-.

WALLACE, ALFRED RUSSEL (Jan. 8, 1823, Usk, Monmouthshire — Nov. 7, 1913, Broadstone). Naturalist; traveler; zoogeographer; economist. Ed. - Hertford Grammar School. Res. - Usk; Hertford 1828-1837; London 1837; Leicester 1844; Amazon Parkstone and S.A. with Bates 1848-1852; Malay Is. 1854-1862; Member many societies; Dorset 1889; Broadstone near Wimborne 1902.

WALLACE, GEORGE J. (Dec. 9, 1906, Waterbury, Vt. —). Ed. - Michigan. Res. - Biologist, Vt. Fish & Game Service Oct. 1, 1936-June 30, 1937; Pleasant Valley Bird & Wild Flower Sanctuary, Lenox, Mass. July 1, 1937-1940; Michigan State College, 1947.

WALLACE, J. (1871)

WALLACE, W. SEWARD (1902, N. Y.)

WALLER

WALLS, GORDON LYNN (Apr. 4, 1905, Malden, Mass. —). Ed. - Tufts; Harvard; Michigan. Res. - Michigan 1931-32; Nat. Res. Fellow 1932-34; Iowa 1934-37; Gen. Biol. Supply House 1937; Wayne University Coll. of Med., Detroit, Mich. 1937-.

WALSH, GEORGE ETHELBERT (1930, Gen.)

WALTHER, FRIEDRICH LUDWIG W. (June 3 or July 3, 1759, Schwaningen (Ansbach) — March 30, 1824, Gressen). Naturalist. Ed. - Gymnasium Ansbach; Erlangen. Res. - Gressen 1788-.

WARNER, F. W. (1894, Ga., Fla.)

WARREN, GOUVERNEUR KEMBLE (Jan. 8, 1830, Cold Spring, N.Y. — Aug. 8, 1882, Newport, R.I.) Soldier; topographical engineer; explorer. Ed. - U.S. Military Acad. 1850. Res. - Topogr. Engineer U.S. Army 1850; Surveys: Mississippi Valley; Pacific R. R.; Sioux Exp.; Dakota-Nebraska 1850-1859; U.S. Military Acad. 1859-1861; Civil War 1861-65; Topogr. Engineers 1866-.

WATERTON, CHARLES (June 3, 1782, Walton Hall, Yorkshire — May 27, 1865, Walton Hall). Naturalist; taxidermist; ornithologist; traveler. Ed. - Roman Catholic School 4 mi. from Durham; Stonyhurst College, Lancashire. Res. - Visited Spain 1802; Brit. Guiana 1804-12; Master of Walton Hall, Yorkshire 1806; Brit. Guiana 1813, 1816, 1820, 1824; Rome 1817, 1841; U.S. & W.I. 1824.

WAYNE, C. E. (1934, Gen.)

WEBB, HANOR A. (Apr. 1, 1888, Nashville, Tenn. —). Chemist. Ed. - Nashville; Chicago; Geo. Peabody. Res. - Teach. Ga., Tenn., Ky. 1908-10; asst. Chicago 1910-12; West Tenn. State Normal School 1912-17; Geo. Peabody 1917-, prof. 1924-.

WEBER, JAY ANTHONY (Dec. 7, 1891, Long Branch, N.J. —). Ornithologist; herpetologist; public accountant. Ed. - N.Y. Univ. Res. - Secy. Pictorial Review 1929; Leonia, N.J. 1933; 10801 Biscayne Blvd., Miami, Fla. 1934; later 1400 N. E. 108th St., Miami 38, Fla., 1946.

WEBER, NEAL ALBERT (Dec. 14, 1908, Towner, N.D. —). Entomologist; anatomist. Ed. - North Dakota; Harvard. Res. - Assoc. prof. biol. North Dakota 1936-43, anat. 1943-.

WEED, ALFRED CLEVELAND (July 28, 1881, Nirth Rose, N.Y. —). Ichthyologist; conservationist. Ed. - Cornell. Res. - U.S. Nat. Mus. 1908-13; Field Museum of Natural History, Chicago, Ill. 1921-1937, curator 1937-42; retired; care of Dr. Paul Rudnick R. D. 1, Princeton, N.J.

WEINLAND, DAVID FRIEDRICH (1829 —). Zoologist; embryologist; helminthologist; psychologist; herpetologist; mammalogist; conchologist. 1857.

WELCH, HENRY (July 16, 1902, Newburyport, Mass. —). Bacteriologist. Ed. - Brown; Western Reserve. Res. - High schools R.I. 1925-28; State Dept. Health Conn. 1930-38; Food & drug admin., Fed. Sec. Agency 1938-42, chief micro anal. div. 1942-.

WELLER, WORTH HAMILTON (1930, N. C.)

WELTER, WILFRED AUGUST (Mar. 29, 1906, Creighton, Neb. — Dec. 20, 1939, Kankakee, Ind.) Ornithologist; vertebrate zoologist; botanist. Ed. - Teachers Coll., St. Cloud, Minn.; Minnesota, Iowa State College; Cornell. Res. - Verndale, Minn.; Illinois State Teachers Coll., DeKalb 1928-29, Minn. State Teachers Coll., St. Cloud 1929-30; Morehead State Teachers Coll., Morehead, Ky. 1932-1939.

WERNER, FRANZ JOSEF MANA (Aug. 15, 1867, Vienna —). Zoologist; herpetologist; entomologist. Ed. - Vienna. Res. - Zool. Inst. Vienna 1895; Trips to almost every country of Europe and Northern Africa; Member many societies; Professor emeritus Univ. Vienna.

WEST, GEORGE STEPHEN (1876, Bradford — Aug. 7, 1919, Birmingham). Botanist; naturalist; anatomist; histologist. Ed. - Bradford Technical College; Royal Coll. of Science, London; St. Johns Coll., Cambridge. Res. - Roy. Agr. College, Cirencester 1899-1906; Birmingham Univ. 1906-1919.

WEST, REBECCA (Mrs. Henry M. Andrews) (Dec. 21, 1892, London, Middlesex —). Writer. Ed. - George Watson's Ladies College, Edinburgh.

WHEAT, GRACE ( ). Nature writer; ornithologist. (1933, Gen.)

WHERRIT, ELEANOR (Mrs. Paul Marks Wherrit nee Eleanor Thorson) (Omaha, Neb. —). Writer; artist. Ed. - High School, Iowa; Art Inst. Chicago; Cleveland School Art. Res. - Omaha, Neb.; Iowa; Cleveland, O. 1928-.

WHITE, CHARLES ABRATHAR (Jan. 26, 1826, North Dighton, Mass. — 1910). Geologist; palaeontologist; physiographer; zoologist. Ed. - Michigan; Rush Med. College (Chicago); Iowa College. Res. - Burlington, Iowa 1849-1864; Physician 1864-1866; Iowa State Geologist 1866; Iowa State University; Bowdoin; Smithsonian Inst.; U.S. National Museum, Washington, D.C.; many societies such as Nat. Acad. Sci., etc.

WHITEAVES, JOSEPH FREDERICK (Dec. 26. 1835, Oxford, Eng. — Aug. 8, 1909,

Ottawa, Can.) Naturalist; palaeontologist; marine invertebrate zoologist; conchologist. Ed. - Oxford; Brighton. Res. - Oxford to 1861; Canada 1861; Curator Nat. Hist. Soc. Montreal 1863-1876; Dredging expeditions Gulf St. Lawrence 1867-73; Geol. Survey of Canada 1874-; Royal Soc. Canada Fellow.

WHITTAKER, C. C. (1905, Mich.)

WIED, NEU WIED MAX, PRINCE MAXIMILIAN ALEXANDRE PHILIPPE (Sept. 23, 1782, Neu Wied — Feb. 3, 1867, Neu Wied). Traveler; naturalist; ethnologist; geographer; historian. Ed. - Res. - Maj.-Gen. Prussian Army; travels to Brazil 1815-1817 (Reise — 1820); travels to U. S. A. 1832 (Reise 1838-43); Acad. Leop. - Carol.

WIEGMANN, AREND FRIEDRICH AUGUST (June 2, 1802, Brunswick — Jan. 15, 1844, Cologne). Naturalist; philologist; translator; carcinologist. Ed. - Leipzig. Res. - Leipzig; Berlin Gymnasium de Cologne; part founder **Archives d'histoire naturelle.**

WILDE, WALTER SAMUEL (Feb. 12, 1909, Toronto, Ont. —). Physiologist. Ed. - Miami (Ohio); Minnesota. Res. - Inst. Zool. Miami (O.) 1933-34; teaching fellow Rochester 1937-38; inst. zool. Wyoming 1938-39; physiol. sch. med. La. 1939-.

WILDER, BURT GREEN (Aug. 11, 1841, Boston, Mass. — Jan. 20, 1925, Chestnut Hill, Mass.) Neurologist; vertebrate morphologist; physiologist. Ed. - Harvard. Res. - Civil War 1862-65; Museum Comparative Zoology, Harvard 1866-68; Penikese; Cornell University; Ithaca, N.Y. 1868-1910; Emeritus 1910-; Chestnut Hill 1910-1925.

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WILEY, GRACE OLIVE ( ). Herpetologist; curator; entomologist. Ed. - Minnesota. Res. - Minn. Public Library; Minneapolis 1929-1934; Chicago Zoo 1934-; (1929, Gen.)

WILLIAMS, JOHN BICKERTON (1846 or 1848, Liverpool, Eng. — May 28, 1916, Toronto, Can.) Ornithologist; herpetologist; entomologist; architect. Ed. - Birmingham. Res. - Liverpool; Birmingham; Canada 1881- (Montreal & Toronto); 98 Alexander St., Toronto 1894; 110 Sherbrooke St. 1885; 125 Coll. St. 1911; Can Mus. Can. Inst. Toronto 1911.

WILLIAMS, J. LAWTON (1891, Gen.)

WILLIAMS, MABEL CLARE (Nov. 6, 1878, Coralville, Ia. —). Psychologist. Ed. - Iowa. Res. - Coe; Iowa, Iowa City, Ia.

WILLIAMS, MERTON YARWOOD (June 21, 1883, Bloomfield, Ont. —). Geologist; palaeontologist. Ed. - Queens (Kingston); Yale. Res. - Can. Geol. Survey 1912-1921; Univ. of British Columbia, Vancouver, B.C. 1921-, prof. 1922; head geol. & geog. 1936-.

WILLIAMS, WALTER JEFFERSON (Nov. 27, 1900, Christoval, Texas —). Astrophysicist; mathematician; co-naturalist with Strecker. Ed. - Baylor; Michigan. Res. - Baylor, 1922-1928; Michigan 1928-30; Baylor 1930-32, prof. 1932-.

WILLIAMSON, WILLIAM DURKEE (July 31, 1779, Canterbury, Conn. — May 27, 1846, Bangor, Me.) Lawyer; governor; historian. Ed. - Schools, Canterbury, Conn.; Amherst, Mass.; Deerfield Academy; Williams; Brown. Res. - Amherst, Mass.; Warren, Me.; Bangor, Me.; Mass. Senate; State Senator Me.; U.S. Representative. Governor Me.; Bangor, Me.

WILLISTON, SAMUEL WENDELL (July 19, 1852, Roxbury, Boston, Mass. — Aug. 30, 1918, Chicago, Ill.) Palaeontologist; zoologist; entomologist; comparative anatomist; doctor. Ed. - Kansas State Agr. College; Univ. of Iowa; Yale with Prof. Marsh. Res. - Yale 1886-1890; Kansas 1891-1902; finally Prof. Palaeontology and Dir. Walker Mus.; Univ. of Chicago, Chicago, Ill. 1902-1918.

WILSON, BERYL MARSHAL (Aug. 5, 1904, Solana Co., Calif. —). Zoologist. Ed. - Mills College; Univ. Calif. (Davis). Res. - Assoc. Div. Zool. Univ. Calif. at Davis 1926-36.

WILSON, JAMES ("Christopher North") (Nov. 1795, Paisley — May 18, 1856, Woodville). Zoologist; ornithologist; ichthyologist; naturalist; traveler. Ed. - Edinburgh. Res. - Edinburgh; Holland, Germany, Switzerland, Paris 1816; Edinburgh Univ.; Sweden 1819; Italy 1820-; Woodville near Edinburgh; George Square, Edinburgh 1937-; Coasts of Scotland for Fisheries Board, 1841, 1845, 1850.

WILSON, L. WAYNE (1946, W. Va.) Moorefield, W. Va., 1948.

WILSON, PRENTISS (1908, Gen.)

WIMSATT, WILLIAM ABELL (July 28, 1917, Washington, D.C. —). Comparative anatomist; embryologist; mammalogist; ornithologist. Ed. - George Washington; Catholic Univ.; Cornell. Res. - Asst. Cornell; instructor Harvard 1943-45; Cornell 1945-, assoc. prof. 1947-.

WOEFFLE, DAEL L. (1940, Miss.)

WOLCOTT, J.

WOLFF, NIGEL O'CONNOR (Dec. 17, 1916, Ickesburg, Pa. —). Ed. - Informal; Pa. State; Swarthmore. Res. - Mulford Biol. Labs., Sharpe & Dohme Inc., 1936-; Devon, Pa.

WOOD, FLORENCE DOWDEN (1933, Wyo.)

WOOD, GEORGE CLAYTON (Feb. 2, 1878, Mexico, N.Y. —). Biologist. Ed. - Syracuse; N.Y. Univ. Res. - High schools N.Y.C. 1902-39; lecturer Brooklyn Inst. 1919-23; Hunter Coll. 1929-33; Pres. Dept. botany Brooklyn Inst. 1920-.

WOOD, WALLACE

WOOD, W. H. (1893, Gen.)

WOODBURY, ANGUS M. (July 11, 1886, St. George, Utah —). Vertebrate zoologist; herpetologist; ecologist; ornithologist. Ed. - Brigham Young Univ.; Utah; California (Berkeley). Res. - Zion Nat. Park 1925-31; Univ. of Utah, Salt Lake City, Utah 1928-, prof. 1942-.

WOODBURY, D. M. (1942, Utah.)

WOODBURY, LOWELL ANGUS (Oct. 11, 1910. St. George, Utah —). Parasitologist; ornithologist; ichthyologist. Ed. - Utah; Michigan. Res. - Cons. Dept. Wisc. 1938-43; electronic eng. Ray-O-Vac Co., Wisc. 1943-.

WOODRUFF, FRANK MORLEY (July 17, 1867, Leavenworth, Kan. — July 21, 1926) Ornithologist. Ed. - High School. Res. - Cook Co. Normal School, Ill.; Chicago Acad. Sciences 1895-.

WOODRUFF, JUDGE SAMUEL ( ). Herpetologist; ornithologist; mammalogist; naturalist; traveler. (1836, Conn.) (1833, Ohio).

WOOSTER, W. H. (1892)

WRIGHT, MRS. ANNA ALLEN (Mrs. A. H. Wright nee Anna Allen) (Mar. 4, 1882, Buffalo, N.Y. —). Biologist; herpetologist; animal photographer. Ed. - Cornell. Res. - Buffalo school 1901-1905, 1909-10; asst. Cornell University, Ithaca, N.Y. 1910-12; Ithaca 1912-.

WRIGHT, ALBERT HAZEN (Aug. 15, 1879, Hamlin, N.Y. —). Ecologic taxonomist; historical biologist; herpetologist; ichthyologist. Ed. - Cornell. Res. - Cornell University, Ithaca, N.Y. 1905-, prof. 1925-, emer. 1947-.

WRIGHT, B. A. (1941 Ill.)

WRIGHT, J. W. A. (1878, Gen.)

WYMAN, JEFFRIES (Aug. 11, 1814, Chelmsford, Mass. — Sept. 4, 1874, Bethlehem, White Mts., N.H.) Comparative anatomist; ethnologist; physician; technician; artist; traveler. Ed. - Private schools, Charlestown and Chelmsford, Mass.; Phillips-Exeter; Harvard. Res. - Mass. Gen. Hospital; Lowell Inst.; Hampden-Sidney, (Richmond, Va.); Harvard; Boston Soc. Nat. Hist.; Peabody Museum.

YARROW, HARRY CRECY (Nov. 19, 1840, Phila., Pa. —). Surgeon; physician; naturalist; herpetologist; ethnologist. Ed. - Pennsylvania; in Switzerland. Res. - Civil War; U.S. Army, Washington, D.C.; Columbian University; U.S. National Museum, Washington, D.C.; Army Med. Mus. 1881-.

ZARROW, M. X. (1937, Gen.)

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